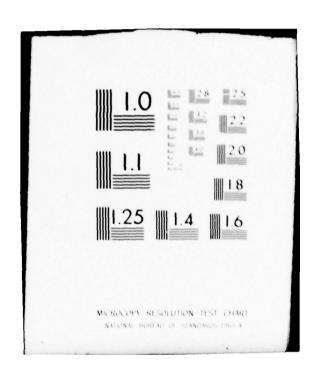
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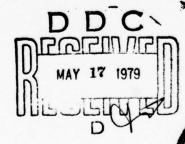


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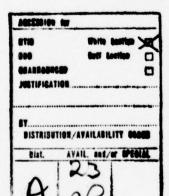
STATISTICAL RETRIEVAL SYSTEM AND RATE GENERATOR: PROGRAM MANUAL

by

Joseph M./D'Amalio T. C./Teeples (4) SERIAL-7-396

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USMC MANPOWER RATES
USMC PERSONNEL RATES

STATISTICAL RETRIEVAL SYSTEM/RATE GENERATOR

ABSTRACT (Continue on reverse side it necessary and identify by block number)
The purpose of this manual is to provide a detailed description of the programs of the automated data system for the Statistical Retrieval System and Rate Generator (SRS/RG). This manual is primarily for programmers (and secondarily users) to use in future maintenance of the system. There is a separate manual for management/users of the system.



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Program in Logistics

Abstract of Serial TM-60423 8 September 1978 REISSUED AS TECHNICAL PAPER SERIAL T-396 31 MARCH 1979

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STATISTICAL RETRIEVAL SYSTEM AND RATE GENERATOR: PROGRAM MANUAL

by

Joseph M. D'Amalio T. C. Teeples

1. Introduction

The Program in Logistics staff started work on the Statistical Retrieval System (SRS)/Rate Generator (RG) in July 1973. The project resulted from discussions between Headquarters, Marine Corps (HQMC) and the Research staff. The initial direction of the effort was provided by a work statement [1]. Further direction was provided by a study directive [2].

At the end of the analysis phase, Reference [3] was prepared describing the analysis and recommending continuing with a system design. The paper led to the preliminary design of the system and some experimental programming to test some key design concepts.

The final system design was described in a systems specification document [4]. All effort since that time has been directed toward programming, debugging and creating the SRS history file. A user manual gives an overview of the system and describes how to run each of the programs [5].

2. Discussion

The SRS history file is the key to the SRS/RG system. The file is composed of one record for each Marine. Each record is variable in length, growing to contain all instances of selected significant events during the career of the Marine.

One of the primary goals in designing SRS was to minimize any disruptions of the already existing systems. This goal has been realized. SRS requires input from the RAMS files and from the Transaction Retrieval System (TRS) and from the HMF for validation. No changes were required to these systems in supporting SRS. It should be noted that any future changes to the data records of these systems could have an impact on SRS.

The SRS history file is a sequential file. The file depends on batch processing for the preliminary and updating processes. The SRS history file has never been intended as an on-line file for inquiry purposes. The intended output of the SRS/RG system is sums, counts, profiles, rates, averages, i.e., aggregate information.

In \$ts present form SRS contains 13 record areas. The record can be expanded to 15 areas without major reprogramming required. The programs have been written using a top-down, modular approach which will facilitate maintenance/changes to the system.

3. Summary

Appendix A is a Program Manual describing the programs in detail for programmers who will be working with the system in the future.

Appendix B is a Data Element Dictionary for all the fields in the SRS History Record. This dictionary is given in alphabetical order on the field name.

REFERENCES

- [1] HEADQUARTERS, MARINE CORPS (1973). Work Statement: Statistical
 Retrieval System/Automated Rate Generator.
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- [3] TOMLINSON, ROSS E. (1974). Creating a personnel data base with a time dimension for the Marine Corps. Technical Memorandum Serial TM-65211. Program in Logistics, The George Washington University.
- [4] TEEPLES, THOMAS C. (1976). Draft System Specification: Statistical Retrieval System and Rate Generator. Program in Logistics, The George Washington University.
- [5] TEEPLES, THOMAS C. (1977). Statistical Retrieval System and Rate Generator: Command/Management Manual. Technical Memorandum Serial TM-60418. Program in Logistics, The George Washington University.

APPENDIX A

STATISTICAL RETRIEVAL SYSTEM AND RATE GENERATOR

PROGRAM MANUAL

8 September 1978

The George Washington University Program in Logistics

APPENDIX A

TABLE OF CONTENTS

			Page
SECTION	1.	OBJECTIVE	1
	1.1	Background	1
	1.2	Purpose	1
SECTION	2.	SYSTEM OVERVIEW	2
	2.1	Philosophy	2
	2.2	Macro-overview	2 2 6
	2.3	System Flow Chart	6
SECTION	3.	PROGRAM DESCRIPTIONS	11
	3.1	Program SRSX239	11
	3.1.1	Description	11
	3.1.2	Input	11
	3.1.3	Source Program	11
	3.1.4	Flowchart	35
	3.1.5	Output	52
	3.1.6	Job Control Language	54
	3.1.7	Program Maintenance	57
	3.2	Program SRSE239	59
	3.2.1	Description	59
	3.2.2	Input	59
	3.2.3	Source Program	59
	3.2.4	Flowchart	79
	3.2.5	Output	94
	3.2.6	Job Control Language	96
	3.2.7	Program Maintenance	99
	3.3	Program SRS239	101
	3.3.1	Description	101
	3.3.2	Input	101
	3.3.3	Source Program	101
	3.3.4	Flowchart	111
	3.3.5	Output	123
	3.3.6	Job Control Language	125
	3.3.7	Program Maintenance	128
	3.4	Program SRSXJD	130
	3.4.1	Description	130
	3.4.2	Input	130
	3.4.3	Source Program	130
	3.4.4	Flowchart	147
	3.4.5	Output	159
	3.4.6	Job Control Language	161
	3.4.7	Program Maintenance	164

		Page
3.5	Merge XJD and X239 Output	166
3.5.1	Description	166
3.5.2	Input	166
3.5.3	Output	166
3.5.4	Job Control Language	172
3.5.5	Process Maintenance	175
3.6	Program SRSTSSN	176
3.6.1	Description	176
3.6.2	Input	176
3.6.3	Source Program	176
3.6.4	Flowchart	202
3.6.5	Output	220
3.6.6	Job Control Language	223
3.6.7	Program Maintenance	226
3.7	Merge TSSN Output	228
3.7.1	Description	228
3.7.2	Input	228
3.7.3	Output	228
3.7.4	Job Control Language	232
3.7.5	Process Maintenance	235
3.8	Program SRSHSSN	236
3.8.1	Description	236
3.8.2	Input	236
3.8.3	Source Program	236
3.8.4	Flowchart	260
3.8.5	Output	279
3.8.6	Job Control Language	282
3.8.7	Program Maintenance	285
3.9	Merge HSSN Output	287
3.9.1	Description	287
3.9.2	Input	287
3.9.3	Output	287
3.9.4	Job Control Language	291
3.9.5	Process Maintenance	294
3.10	Program SRSUPDT	295
3.10.1	Description	295
3.10.2	Input	295
3.10.3	Source Program	295
3.10.4	Flowchart	380
3.10.5	Output	505
3.10.6	Job Control Language	509
3.10.7	Program Maintenance	512
3.10.8	Error Messages	518
3.10.9	Checkpoint/Restart	522
3.11	Merge Archives Process	523
3.11.1	Description	523
3.11.2	Input	523
3.11.3	Output	523
3.11.4	Job Control Language	525
3.11.5	Process Maintenance	527
3.11.3	110cess marifemance	22.

		Page
3.12	Program SRSVHMF	528
3.12.1	Description	528
3.12.2	Input	528
3.12.3	Source Program	529
3.12.4	Flowchart	557
3.12.5	Output	591
3.12.6	Job Control Language	594
3.12.7	Program Maintenance	597
3.13	Program SRSUPDXX	599
3.13.1	Description	599
3.13.2	Input	599
3.13.3	Source Program	599
3.13.4	Flowchart	678
3.13.5	Output	795
3.13.6	Job Control Language	797
3.13 7	Program Maintenance	800
3.13.8	Checkpoint/Restart	802
3.14	Final Merge Process	803
3.14.1	Description	803
3.14.2	Input	803
3.14.3	Output	803
3.14.4	Job Control Language	806
3.14.5	Process Maintenance	809

SECTION 1. OBJECTIVE

1.1 Background. Work on the Statistical Retrieval System (SRS) and Rate Generator (RG) started in July 1973. The project is a result of discussions between HQMC staff and the research staff of Program in Logistics, The George Washington University. The initial direction of the effort was provided by a WORK STATEMENT: Statistical Retrieval System/Automated Rate Generator published by the HQMC staff and received by the research staff 24 April 1973. Additional guidance was provided by STUDY DIRECTIVE:

Determination of Data Requirements for the Statistical Retrieval System/Rate Generator (FY74), also written by HQMC staff (July 1973).

At the end of the analysis phase of the project the research staff produced a Technical Memorandum (Serial TM-65211): Creating a Personnel Data Base with a Time Dimension for the Marine Corps (30 June 1974). This memorandum led to the design of the system and some preliminary programming to ensure that certain key design concepts were supportable.

The system design was described in a document <u>SYSTEMS SPECIFICATION:</u>

<u>Statistical Retrieval System and Rate Generator</u> (9 June 1976). This document also described the interfaces with present systems and presented the logic of the proposed computer programs required by the system.

At the end of the programming phase the system was implemented on the computer at HQMC. The use of the system is described in <u>STATISTICAL</u> RETRIEVAL SYSTEM AND RATE GENERATOR: COMMAND/MANAGEMENT MANUAL (30 September 1977). Some of the information on the use of the system such as job control language (JCL) required, error codes, etc. will be repeated in this document for clarity and completeness.

1.2 Purpose. Parts 1 and 2 of this document provide programming/user personnel with background and overview information regarding the SRS/RG. Part 3 will provide more detailed information on each individual program; information that is oriented toward maintenance/changes to the programs, should changes be necessary in the future. A separate document (Command/Management Manual) describes the system for users.

This document and the Command/Management Manual are submitted in fulfillment of the project effort.

SECTION 2. SYSTEM OVERVIEW

2.1 Philosophy. The SRS history file is the key to the SRS/RG system. The file is composed of one record for each Marine. Each record is variable in length, growing to contain all instances of selected significant events during the career of the Marine (see Section 2.2 for the detailed contents of the record).

One of the primary goals in designing SRS was to minimize any disruptions of the already existing systems. This goal has been realized. SRS requires input from the RAMS files, the Transaction Retrieval System (TRS), and the HMF for validation. No changes were required to these systems in supporting SRS. It should be noted that any future changes to the data records of these systems could have an impact on SRS.

The SRS history file is a sequential file. The file depends on batch processing for the preliminary and updating processes. The SRS history file has never been intended as an on-line file for inquiry purposes. The intended output of the SRS/RG system is sums, counts, profiles, rates averages, i.e., aggregate information.

In its present form SRS contains 13 record areas (the areas are listed in Section 2.2). The record can be expanded to 15 areas without extensive reprogramming required. The programs have been written using a top-down, modular approach which will facilitate maintenance/changes to the system. The COBOL verb 'PERFORM' has been used extensively which helps to isolate modules of logic.

2.2 Macro-overview. The SRS history file is a longitudinal historical file. Each new event for a particular Marine is added to the record for that Marine without destroying the previous information. The following is a description of the contents of the records in SRS.

There are 15 areas in the SRS record (13 reserved and 2 spares). The record areas are:

- Fixed 1.
- Scores
- Military Education
- Enlistment
- 5. Extensions
- Grades (Ranks)
- 7. Unauthorized Absences (Short)
- 8. Unauthorized Absences (Long)
- 9. Desertion
- 10. Transfers
- 11. Turbulence
- 12. MOS
- 13. Bonus
- 14. & 15. Spares

The Fixed area appears only once in each record and is constant in length. It contains certain static information, such as sex, race, date of birth, etc., and some changeable information such as number of dependents currently, billet MOS, civilian education currently, etc. The detailed contents of the Fixed area are as follows:

- Area count table. (A table of counters indicating how many replications there are of each of the variable areas.)
- MID (SSN)
- 3. Name
- 4. Initials
- 5. Race
- 6. Sex
- Ethnic Group
- 8. Home State
- 9. Home County
- 10. Date of Birth
- AFADBD 11.
- Actual EAS 12.
- 13. PEBD
- 14. Graduation/Separation Date
- 15. Graduation/Separation Flag
- 16. MCC Enlisted At
- 17. Duty Limit at Entry
- 18. Citizenship
- 19. Marital Status
- Number of Dependents at Entry 20.
- 21. Number of Dependents Currently
- 22. Civilian Education at Entry
- 23. Civilian Education Currently
- 24. Program Enlisted For
- 25. Billet MOS
- HMF Source Flag 26.
- Activity/Inactive Flag
- 28. Cohort Date
- 29. RAMS Flag
- 30. Last Change Date

As of March 1978, this field is Expiration of Current Contract (see Appendix 2).

The area count table is a set of 15 counters. The counters are in packed decimal form (computational-3) to be compatible with MARK IV requirements. Each counter occupies two bytes. The date of birth, AFADBD, PEBD, and last change date are all packed-decimal fields (computational-3) occupying four bytes. All other fields are in display form (picture X).

The Scores area appears only once and contains the following areas:

- 1. AFEES Form Number
- 2. AFEES Scores
- 3. AFEES Mental Group Score
- 4. AFEES Test Flag
- 5. Depot Form Number
- 6. Depot Scores
- 7. Depot GT GCT Score
- 8. Depot Test Date
- 9. Typing
- 10. EDPT
- 11. ALAT

All of the fields in the Scores area are in display form (picture X).

The Military Education may appear zero to twenty times. Presently the TRS does not provide information on military schools. When the school information is available it will be included in the SRS history record.

The Enlistment area may appear one to twenty times and contains the following data:

- 1. Source of Entry Codes
- 2. Date of Enlistment
- 3. Length of Enlistment
- 4. Component Code
- 5. Separation Code
- 6. Reenlistment Indicator
- 7. Separation Date

The date of enlistment and separation date are in packed decimal (computational-3) form. All other fields are display types.

The Extension area may appear zero to nine times and contains the following fields:

- 1. Total Months of Extensions
- 2. Total Number of Extensions
- 3. Date of Latest Extension
- 4. Months of Latest Extension
- 5. Enlistment Cross Reference Flag

The date of latest extension is packed decimal. All other fields are display items.

The Grades area may appear one to twenty times and contains the following fields:

- 1. Grade (Rank)
- 2. Date of Rank

The date of rank is a packed decimal field. The rank is a display item.

The Short Unauthorized Absence area may appear from zero to thirty times and contains the following fields:

- 1. Date of Unauthorized Absence
- 2. Status Flag

The date of unauthorized absence is a packed decimal field. Status flag is a display item.

The Long Unauthorized Absence area may appear from zero to thirty times and contains the following fields:

- 1. Date to Unauthorized Absence
- 2. Date from Unauthorized Absence
- 3. Status Flag

The dates are packed decimal fields. The status flag is a display item.

The Desertion area may appear from zero to twenty times and contains the following fields:

- 1. Date of Desertion
- 2. Date from Desertion

Both fields are packed decimal.

The Transfers area may appear from one to sixty times and contains the following fields:

- 1. Former MCC
- 2. Present MCC
- 3. RUC
- 4. Begin Date
- 5. Strength Category

The begin date is packed decimal. All other fields are display items.

The Turbulence area may appear from zero to twenty times and contains the following fields:

- 1. Present MCC
- 2. Former MCC
- 3. Intended Transfer Date
- 4. Date Current Tour Began
- 5. Date of Action
- 6. Reason Code
- 7. Tour Control Factor
- 8. PCS Cost Code
- 9. Trainee Flag
- 10. Reason Flag
- 11. Last Date Detached
- 12. Geographical Location Code
- 13. Geographical Date Current Tour Began

The intended transfer date, date current tour began, date of action, last date detached, and geographical date current tour began are all packed decimal. All other fields are display items.

The MOS area may appear from one to twenty times and contains the following fields:

- 1. Primary MOS
- 2. MOS Date

The MOS date is packed decimal. The Primary MOS field is display.

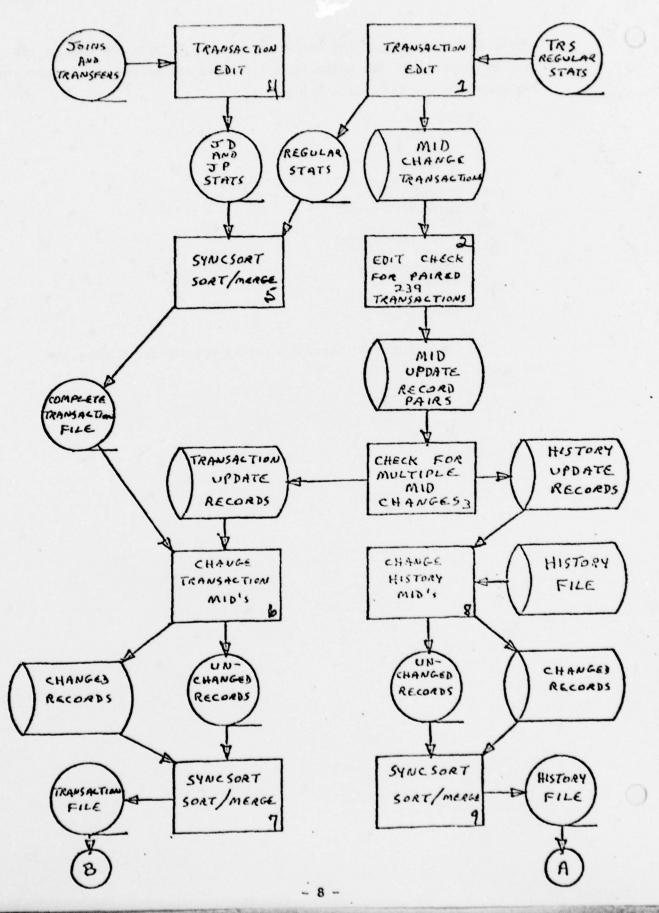
2.3 System Flow Chart. The system flow chart shows the interrelationships and inputs/outputs of the programs/processes in the SRS system for updating. Each rectangular box on the flow chart represents either a program or a sort/merge process. Each box contains the program/process sequence number

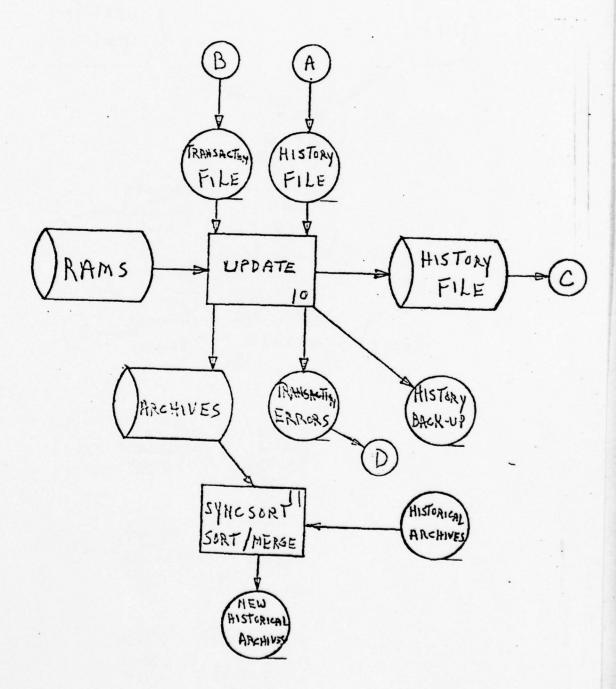
which, when matched with the following table, will give the name of the program or process. The following table shows the recommended sequence of job execution for the update process:

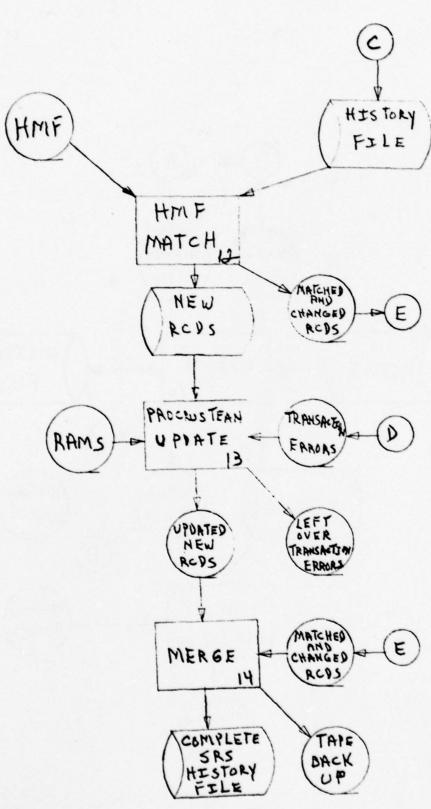
- 1. SRSX239
- 2. SRSE239
- 3. SRS239
- 4. SRSXJD
- 5. Merge XJD and X239 output
- 6. SRSTSSN
- 7. Merge TSSN output
- 8. SRSHSSN
- 9. Merge HSSN output
- 10. SRSUPDT
- 11. Merge archives
- 12. SRSVHMF
- 13. SRSUPDXX
- 14. Final merge

The following chart shows the actual relationships among the programs:

SRS SYSTEM FLOW (1 of 3)







SECTION 3. PROGRAM DESCRIPTIONS

- 3.1.1 Program SRSX239. This program is the first to be run in each cycle. Each cycle will be run on a quarterly basis. The purpose of this program is to read an input tape file of transaction records and extract records for two output files. One of the files that is output is made up of transactions that are used solely for changing Social Security Numbers (MIDs). All other transactions are output onto a separate file.
- 3.1.2 Input. Input to SRSX239 is the Transaction Retrieval System (TRS) file that contains the "regular" transactions i.e., transactions containing Type Change Codes (TCCs) of A-, D-, E-, R-, and U-type.
- 3.1.3 Source Program. Following is a listing of the source statements for SRSX239:

		00000010	00000000	00000030	00000000	09000000	00000000	00000000	06000000	00100000	00000110	00000120	00000130	00000140	00000000	00000180	00000170	00000180	06100000	000000200	
	CONTENTS						***								ASSIGN TO UR-1403-5-SYSPRINT.	ASSIGN TO UT-2400-S-STATFILE.	ASSIGN TO UT-2400-S-STATOUT.	ASSIGN TO UT-2400-S-0UT239.			
(LIST.CHART.PARM)		CPTION AUXLIST=YES	IDENT. FICAT	AUTHOL TOW TEPPLES.	. 8		ENVIR NAENT DIVISION.	CONFILUPATION SECTION.	SOURCL-COMPUTER, IBM-360-H65	CEUECT - COMPUTER. IBM-360-H65	SPECIAL-NAMES.	CUI IS TO-NEW-PAGE.	INPUT-OUTPUT SECTION.	FILE CONTROL.	S LECT EOJ-DISPLAY.		S: LECT STAT-CUT.		LECT	. DATE DIVISION.	
COBOL MODULE	CARD NO			, ,	, 4	S		7	0	•	10		12	13	41		16	17		Ø 0.	

EXTRACT TCC=239 RCDS	:	220	230	240	250	260	270	260																
EXTRACT		00000250	00000230	00000240	00000520	000000560	00000210	00000269																
AUTOFLOW CHART SET - SRS	CONTENTS									PIC XX.	PIC 59(6) COMP-3.	P1C x.	PIC X.	PIC X,	P1C x.	PIC x(10).	PIC XXX.	PIC XXX.	PIC X.	PIC X, .	PIC X.	PIC X.	PIC XXX.	PIC 59(6) COMP-3.
in 6	0	FILE SECTION.	N S. AT - IN	B. OCK CONTAINS O	RECORD CONTAINS 240	LABEL RECORDS STANDARD.	In-REC.	TRS01080	02 TRS01080.	03 100	03 DO-ACTION	03 P-FLAG	03 LEN-O-ENL	03 RACE	03 SEX	03 MID	03 INITS	03 DUTY-LMT	03 PRES-SP-GRD	D3 PROF. PAY	03 CON-LEG-AGR	03 FILLER	03 PRES-GRD	03 PRES-00R
INPUT LISTING			9				10	-1NC TF		00015	00016	000017	00013	61000	00000	00021	00022	00023	00021	00025	00025	00027	000038	60003
06/28/78	CARD NO	50	21	22	23	24	25	25	. 26	27	28	29	30	31	32	33	34	35	36	37	38	. 39	40	4

06/28/78	INPUT LISTING		AUTOFLOW CHART SET - SRS	EXTRACT TCC=239 RC05
CARD NO	•		CONTENTS	
42	00000	03 O-DL	PIC XXX.	
43	00031	03 PREV-GR-ST	PIC K.	
44	00032	03 0-рр	P1C x.	
45	00033	03 0-CLA	PIC X.	
46	00034	03 FILLER	PIC X.	
47	95000	03 PREV-GD	PIC XXX.	
48	98000	03 PREV-DOR	PIC 59(6) COMP-3.	
49	00037	03 0-PMOS	PIC XXXX.	
50	000033	03 FMOS	PIC XXXX.	
51	000039	03 EAS-PLAN	PIC X(6).	
52	00040	03 EAS-ACTUAL	PIC x(6).	
53	00041	03 DO-BIRTH	PIC 59(6) COMP-3.	
54	00042	03 PEB0	PIC 59(6) COMP-3.	
55	00043	03 COMP - SCORE	PIC 59(5) COMP-3.	
99	000044	03 FILLER	ріс х.	
57	00045	03 DAT-CTB	PIC 59(6) COMP-3.	
58	,00045	03 FRO-ENL-UND	PIC X.	
65	00047	oa DMOS	PIC XXXX.	
09	00043	03 PRES-RUC	PIC x(5)	
61	00043	03 PRES-MCC	PIC XXX.	
62	00000	03 LEAVE-DUE	PIC 59(3) COMP-3.	
63	00051	03 CUR-SORS-ENT	PIC XXXX.	
49	00052	03 COMP-CODE	PIC XXX.	

CARD NO			•		
				CONTENTS	
9	65 00053	03	0-CMP-CD	PIC XXX.	
99	00054	03	NO-DEP	PIC 59(2) COMP-3.	
67	00055	03	SEP-CODE	PIC XXX.	
89		03	C-D-CDE	PIC X.	
69	00057	03	CIV-ED-YRS	PIC XX.	
	00053	83	CIV-ED-LVL	PIC X.	
11.	. 00053	03	FORM - MCC	PIC XXX.	
72	09000	03	COMBAT-SERV	PIC XX.	
73	00061	03	HOME-CITY	PIC XXXX.	
74	00062	03	HOME - STATE	PIC XX.	
75	00063	03	STRENGTH-CAT	PIC X.	
92	00064	03	AFAD-BD	PIC 59(6) COMP-3.	
77	99000	03	CAREER-FLG	PIC X.	
78	99000	03	VRB-M	PIC X.	
62	29000	03	VRB-P	PIC X.	
0:2	89000	03	C1T-ST	PIC XX.	
.81	69000	03	UD-NO	PIC XXX.	
82	00070	03	FILLER	PIC X.	
83	00071	63	CUR-DTY-ST	PIC X	
84	00072	03	CASUALTY-ST	PIC x.	
95	00073	63	UD-REC-ST	PIC X.	
98		03	L-NAME	PIC X(20).	
87	00075	60	NON	(011, 010	

1/28/78	INPUT LISTING			AUTOFLOW CHART SET	7 - SRS	EXTRACT TO	TCC=239 RCDS	50
CARD NO			8	CONTENTS				
88	0000	63	DO-ENL-ACC	PIC 39(6) COMP-3.				
63	00077	03	PERM - GRD	PIC XXX.				
06	87000	03	FILLER	PIC A.				
16	64000	03	CIT-CNTRY	PIC XX.				
92	08000	03	0-PEF	PIC XX.				
93	00081	93	PROG-ENL-FOR	PIC XX.				
9.6	00082	03	ETHNIC	PIC K.				
95	00083	03	DOD-SEP-CODE	PIC X(5).				
96	00084	03	V-A-CODE	PIC XX.				
97	00085	03	HEIGHT	PIC XX.				
86	98000	03	WEIGHT	PIC XXX.				
66	00087	03	HAIR	PIC X.				
100	68000	03	EYES	PIC x.				
101	68000	03	FILLER	PIC XXX.				
102	06000	03	FILLER	PIC A.				
163	16000	03	EXTS-IND	PIC XX.				
104	00092	03	MARITAL-STAT	P1C X.				
105	00003	03	LAST-EXT-IND	PIC XX.				
106	00094	03	110	PIC XXX.				
107	56000	03	61-601-800	PIC 59(3) COMP-3.				•
108	96000	03	TY-TST-FLG	PIC X.				
109	15000	03	AFOT - AOT - FRM	PIC XX.				
110	60000	8	AFQT- AQT-5C0	PIC XX.				

06/28/78		INPUT LISTING	AUTOFLOW CHART SET - SRS	EXTRACT TCC=239 RCDS
3	CARD NO		CONTENTS	•
	111	00099 03 AQT-FLG	PIC X.	
	112	00100 03 REENL-IND	PIC AX.	
	113	00101 03 FILLER	PIC XX.	
	114	00102 03 TYPE-LV-SETT	PIC X.	
	115	. 00103 KC-C-DATE	PIC S9(6) COMP-3.	
	116	00104 03 KC-CYC-NO	PIC XXX.	
		E. ECT		00000250
				00000000
	118	FD S AT-OUT	•	00000310
	119	B OCK CONTAINS O		00000320
	120	A CORD CONTAINS 240		00000330
- 17	121	LABEL RECORDS STANDARD		00000340
, -	122	01 OUT-REC.		00000350
	122	- INC. TRS01,080		05500000
	123	02 TRS01080.		
	124	00015 03 100	PIC XX.	*
	125	. 00015 03 00-ACTION	PIC 59(6) COMP-3.	
	126	00017 03 F-FLAG	PIC X.	
	127	00018 03 LEN-0-ENL	PIC A.	
	128	00019 03 RACE	PIC X.	
	129	00020 03 SEX	P1C 4.	
	130	00021 03 MID	PIC X(10).	
	131	00022 03 INITS	PIC AXX.	

08/28/78	INPUT LISTING			AUTOFLOW	CHART SET - SRS	EXTRACT TCC=239 RCDS
CARD NO				CONTENTS		•
132	00023	03	CUTY-LMT	PIC XXX.		
133	00024	03	PRES - SP-GRD	PIC X.		
134	00025	03	FROF - PAY	P1C x.		
135	00023	03	CON- LEG- AGR	PIC X.		
136	00027	03	FILLER	PIC X.		
137	00028	03	FRES - GRD	PIC XXX.		
138	00023	03	FRES - DOR	PIC 59(6)	1) COMP-3.	
139	00000	03	1G-0	PIC XXX.		
140	00031	03	PREV-GR-ST	PIC X.		
141	00032	03	G- PP	PIC X.		
142	00033	03	O-CLA	PIC X.		
143	00034	03	FILLER	PIC X.		
144	00035	03	PREV-GD	PIC XXX.		
145	00035	03	PREV-DOR	PIC 59(6)) COMP-3.	
146	00037	03	O-PMOS	PIC XXXX.		
147	000033	03	PMOS	PIC XXXX.		
148	000039	03	EAS-PLAN	PIC x(6).		
149	00040	03	EAS-ACTUAL	PIC x(6).		
150	00041	03	DO-BIRTH	PIC 59(6	PIC 59(6) COMP-3.	
151	00042	03	PESD	PIC 59(6)) COMP-3.	
152	00043	03	COMP - SCORE	PIC 59(5)	i) comp-3.	
153	00044	03	FILLER	PIC X.		
154	00045	03	DAT-CTB	P1C \$9(6)	1) COMP-3.	

SRS EXTRACT TCC=239 ACDS																								
AUTOFLOW CHART SET -	CONTENTS	PIC X.	PIC XXXX.	PIC X(5).	PIC XXX.	PIC 59(3) COMP-3.	PIC KXXX.	PIC XXX.	PIC XXX.	PIC 59(2) COMP-3.	PIC XXX.	PIC X.	PIC XX.	PIC X.	PIC XXX.	PIC XX.	PIC XXXX.	PIC XX.	PIC X.	PIC 59(6) COMP-3.	PIC X.	PIC x.	PIC X.	PIC XX.
	8	03 PRO-ENL-UND	O3 DMOS	03 PRES-RUC	03 PRES-MCC	03 LEAVE-DUE	03 CUR-SORS-ENT	03 COMP-CODE	03 0-CWP-CD	03 NO-DEP	03 SEP-CODE	03 C-D-CDE	03 CIV-ED-YRS	03 CIV-ED-LVL	03 FORM-MCC	03 COMBAT-SERV	03 HOME-CITY	03 HONE-STATE	03 STRENGTH-CAT	03 AFAC-80	03 CAREER-FLG	03 VRB-M	03 VRB-P	3 CIT-51
INPUT LISTING		00046	00047	00043	000049	00000	00081	000023	000023	00054 0:	00085	00086	000027	00023	000023	00000	00061	00062 0:	00063	00064	00000	00000	00067	03
06/28/78	CARD NO	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	111

EXTRACT TCC=239 RCDS																								
AUTOFLOW CHART SET - SRS	CONIEN	UD-NO PIC XXX.	FILLER PIC X.	CUR-DTY-ST " PIC X,	CASUALTY-ST PIC X.	UD-REC-ST PIC K.	L-NAME PIC X(20).	MSN PIC X(10).	DO-ENL-ACC PIC S9(6) COMP-3.	PERM-GRD PIC XXX.	FILLER PIC X.	CIT-CNTRY PIC AK.	O-PEF PIC XX.	PROG-ENL-FOR PIC XX,	ETHNIC PIC X.	DOD-SEP-CODE PIC X(5).	V-A-CODE PIC XX.	HEIGHT PIC XX.	WEIGHT PIC XXX.	HAIR PIC K.	EYES PIC X.	FILLER PIC XXX.	FILLER PIC X.	EXTS-IND PIC AX.
INPUT LISTING		03 03	00000	00071 03	00072 03	00073 03	00074 03	00005	00076 03	00077 03	000078 03	00079 03	00000 03 (00081	000082 03	000083 68000	00084 03	000085 03	00086 03	00087	000083 03	00000	00000	03
		178	179	180	181	182	183	184	185	186	187 0	188	189	190 061	191	192 C	193 0	194	195 0	. 196	197 0	198	199 0	200

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The said of the sa

SRS EXTRACT TCC=239 RCDS															00000370	06500000	06800000	00000400	00000410	00000420	00000430	00000440	00000450	00000460
AUTOFLOW CHART SET -	CONTENTS	PIC X.	PIC KK.	PIC XXX.	PIC 59(3) COMP-3.	P1C X.	P1C xx.	PIC XX.	PIC X.	PIC XX.	PIC XX.	P1C X.	PIC 59(6) COMP-3.	PIC XXX.				ED		•	X(133).			
		03 WARITAL-STAT	03 LAST-EXT-IND	03 TTC	03 61-601-500	03 TY-TST-FLG	03 4FOT-AOT-FRM	03 AFQT - AQT - SCO	03 AQT-FLG	03 REENL-IND	03 FILLER	03 TYPE-LV-SETT	03 KC-C-DATE	03 KC-CYC-NO			EOJ-DISPLAY	LABEL RECORDS ARE OMITTED	R.CORDING MODE IS F.	ENJ-DISPLAY-REC.	FILLER PIC X(239	K CONTAINS 0
INPUT LISTING		00003	00003	F6000	96000	96000	00097	66000	66000	00100	. 00101	00102	00103	00100	EUECT		FD EOJ-	38×3		- PO - EO-	°		FD 0.17-239	8.0CK
05/28/78	CARD NO	201	202	203	204	205	206	207	208	209	210	2112	212	213		214	215	216	217	218	219	220	221	222

The second secon			
		CONTENTS	
RI CORI	D CONTAINS 240		00300470
138/1	RECORDS STANDARD.		00000460
01 01.23	39-REC.		00000490
-1NC TRS01080			0000000
	02 TRS01080.		Section of the sectio
	03 TCC	PIC AX.	
000013	03 DO-ACTION	PIC \$9(6) COMP-3.	
00017	03 P-FLAG	PIC X.	
00018	03 LEN-O-ENL	PIC A.	
91000	03 RACE	PIC X.	
00050	03 SEX	PIC A.	
00021	03 1410	PIC X(10).	
00022	03 INITS	PIC XXX.	
00023	03 DUTY-LMT	PIC XXX.	
00021	03 PRES-SP-GRD	PIC X.	
00025	03 PROF. PAY	PIC X.	
00028	03 CON-LEG-AGR	PIC X.	
00027	03 FILLER	PIC X.	
00023	03 FRES-GRD	PIC XXX.	
00029	03 PRES-DOR	PIC 59(6) COMP-3.	
000030	03 0-DL	PIC XXX.	
60031	03 PREV-GR-ST	PIC X.	
20000	dd-0 E0	PIC A.	
	O TASO	NECORD CONTAINS L'BEL RECORDS L'BEL RECORDS O1 Ok T-239-REC. O1 Ok T-239-REC. O2 TRSO10 O2 TRSO10	CORD CONTAINS 240 L'BEL RECORDS STANDARD. L'BEL RECORDS STANDARD. L'BEL RECORDS STANDARD. L'BEL RECORDS STANDARD. O1 0x 1-239-REC. O2 TRS01080. O2 TCC

06/28/78	INPUT LISTING			AUTOFLOW CHART	CHART SET - SRS	EXTRACT TCC=239 RCDS
CARD NO				CONTENTS		• • • • • • • • • • • • • • • • • • •
245	66000	03	C-CLA	PIC X.		
246	00034	83	FILLER	PIC X.		
247	000035	03	PREV-GD	PIC XXX.		
248	000038	03	PREV-DOR	PIC 59(6)	COMP-3.	
249	000037	03	0-PMGS	PIC XXXX.		
250	90000	03	FWOS	PIC XXXX.		
251	66000	03	EAS-PLAN	PIC X(6).		
252	00040	03	EAS-ACTUAL	PIC X(6).		
253	00041	03	ED-EIRTH	PIC 59(6) COMP-3	COMP-3.	
254	03042	03	PEad	PIC 59(6)	\$9(6) COMP-3.	
255	00043	03	COMP - SCORE	PIC 59(5)	COMP-3.	
256	00041	03	FILLER	PIC X.		
257	00045	03	DAT-CTB	PIC 59(6)	COMP-3.	
258	00046	03	PRO-ENL-UND	PIC A.		
259	00047	03	DMOS	PIC XXXX.		
260	00048	03	PRES-RUC	PIC 4(5).		
261	. 00043	03	PRES-MCC	PIC XXX.		
262	00000	03	LEAVE - DUE	PIC 59(3) COMP-3	COMP-3.	
263	00051	03	CUR-SORS-ENT	PIC XXXX.		
264	00052	03	COMP - CODE	PIC XXX.		
265	00053	03	0-CMP-C0	PIC XXX.		
266	00054	03	NO-DEP	PIC 59(2)	COMP-3.	
267	000055	63	SEP-C00E	PIC XXX.		

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ING AUTOFLOW CHART	CONTENTS	03 C-0-CDE PIC X.	03 CIV-ED-YRS PIC XX.	03 CIV-ED-LVL PIC K.	03 FORM-MCC PIC XXX.	03 COMBAT-SERV PIC XX.	03 HOME-CITY PIC XXXX.	03 HOME-STATE PIC XX.	03 STRENGTH-CAT PIC A.	03 AFAD-BD PIC \$9(6) COMP-3	03 CAREER-FLG PIC X.	03 VR3-M PIC X.	03 VR3-P PIC X.	03 CIT-5T PIC XX.	03 UD-NO PIC XXX.	03 FILLER PIC A.	03 CUR-DTY-ST PIC X.	03 CASUALTY-ST PIC X.	03 UD-REC-ST PIC X.	03 L-NAME PIC X(20).	03 MS4 PIC x(10).	03 DO-ENL-ACC PIC 59(8) COMP-3	03 PERM-GRD PIC XXX.
08/28/78 INPUT LISTING	CARD NO	268 00056	269 00057	270 00059	271 00059	272 00060 •	273 00061	274 00062	275 00063	276 00064	277 00065	278 00066	279 00067	280 0006н	281 00063	282 00070	283 00071	284 00072	285 00073	286 00074	287 00075	288 00076	289 00077

TCC=239 RCDS																								
100=23	:																							
EXTRACT	v.																							
SRS																								
SET .																		OMF-3.						
AUTOFLOW CHART	15	PIC XX.	PIC XX.	PIC XX.	PIC X.	PIC X(5).	PIC XX.	PIC XX.	PIC XXX.	PIC X.	٨.	PIC XXX.	PIC X.	PIC XX.	PIC X.	PIC XX.	PIC XXX.	PIC 59(3) COMP-3.	PIC X.	PIC XX.	PIC XX.	PIC X.	PIC XX.	PIC XX.
AUT	CONTENTS	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC X.	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC) b I C	PIC	DIG.
		CIT-CNTRY	0-9EF	PROG-ENL-FOR	ETHNIC	COD-SEP-CODE	V-A-CODE	HE I GHT	MEIGHT	HAIR	EYES	FILLER	FILLER	EXTS- IND	MARITAL-STAT	LAST-EXT-IND	110	67-601-500	TY-TST-FLG	AFOT - AOT - FRM	AF01 - A01 - SCO	AOT-FLG	REENL-IND	FILLER
		03 (03	60	03	03	63	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	60
ISTING						witz																X Y	4 2 A	
INPUT LIS		67000	08000	18000	00082	0000	1 8000	58000	00008	18000	000089	68000	06000	16000	0000	00003	1.6000	96000	0000	16000	00003	66000	00100	00101
06/28/78	CARD NO	291	292	293	294	295	296	297	298	299	300	301	305	303	304	305	306	307	308	309	310	311	312	313

06/28/7	duI 8		2			AUTO-LOW CHART SET - PRO	SCOR PERSONAL PROPERTY.
CAR	CARD NO		VACA		CONTENTS	1.5	•
	314 00102	102	83	TYPE-LV-SETT	T PIC	*	
	315	103	03	KC-C-DATE	PIC	\$9(6) COMP-3.	
	316 00104	104	83	KC-CYC-NO	PIC	PIC XXX.	
			E.IECT				00000210
	317	•					00000520
	318	5	WORKI: G-STORAGE	SECTION.			000000000
	319	. 41	A CTR	PIC	\$9(6)	COMP-3.	00300540
	320	77	R. CTR	PIC	(9)68	COMP-3.	00000250
	321	"	E CTR	PIC	(9)6\$	COMP-S.	00000260
K	322	77	0.CTR	PIC	29(6)	COMP-3.	00000220
	323	11	U CTR	PIC	(9)65	COMP-3.	00000280
	324	11	S'AT-CTR	PIC	(9)65	COMP-3.	06500000
	325	11	STAT-OUT-CTR	R PIC	(9)65	COMP-3.	00900000
	326	. 77	O T-239-CTR	PIC	(9)65	COMP-3.	01900000
	327	77	A END-SWITCH	н Р1С	65	COMP-3.	00000620
		77	O HER-CTR	PIC	(9)65	COMP-3.	00000030
	329	6	W. RK-TCC.				00000640
	330		O. FIRST-CHA	HAR PIC	×		00000000
	331		O: FILLER	PIC	×.		00000000
	332	9	0. D-1CC	PIC	xx.		00000000
	333	5	9: 9-MID.				00000080
5	334		O SERVICE-CODE	-C00E	PIC	.	06900000
	335		0 010-SSN		P1C	PIC X(9).	0000000

O	AUTO-LOW CHART SET - SRS EXTRACT TCC-239 RCDS	00000010	00000720	9).	59(6) COMP-3. 00000740	00000150	SPACES. 00000760	SPACES. C0000770	SPACES. 00000780	0500000	SPACES. 00000800	SPACES. 00000810		02800000	SPACES. 00000840	0000000	SPACES. 00000860	0.0000970	S°4CES. 0C000680	00000650	00600000	01600000	OPEN-ROUT INE-END. 00000920	02600000
전 🗲 마시크 - C. 회장에 이 열었다고 다양했다고 생각하고 말았다고 그 100개로	LISTING	5	6	.0	01 0. D-DO-ACTION PIC	5	O FILLER PIC X(51) VALUE	3: TOP-INSO PIC X(30) VALUE	O: FILLER PIC X(52) VALUE	01	OF FILLER PIC X(39) VALUE	O. LOW-INFO PIC X(41) VALUE	O FILLER PIC X(4) VALUE '	O LOW-NUM	O. FILLER PIC X(39) VALUE	6	O FILLER PIC X(11) VALUE	O. CUR-DAT	O FILLER PIC X(11) VALUE				P RFORM OPEN-ROUTINE THRU	REAL -

358 359 360 361 362 363 364 365 369 370 371 372 378 378		INPUT L	T SET - SRS EXTRACT TCC+239 RCDS	
359 WK VE TCC OF IN-REC TO WORK-TCC. 360 II (WORK-TCC = 'AN' OR 'RI') AND 361 THEN PERFORM TYPE-239-EDIT 363 I FIRST-CHAR = 'A' THEN PERFORM A-TYPE-EDIT GO TO WRITE-STAT-OUT. 369 370 II FIRST-CHAR = 'B' THEN PERFORM W-TYPE-EDIT GO TO WRITE-STAT-OUT. 371 THEN PERFORM C-TYPE-EDIT GO TO WRITE-STAT-OUT. 372 I FIRST-CHAR = 'B' THEN PERFORM C-TYPE-EDIT GO TO WRITE-STAT-OUT. 374 THEN PERFORM C-TYPE-EDIT GO TO WRITE-STAT-OUT. 375 I FIRST-CHAR = 'B' THEN PERFORM C-TYPE-EDIT GO TO WRITE-STAT-OUT. 376 THEN PERFORM C-TYPE-EDIT GO TO WRITE-STAT-OUT. 377 THEN PERFORM C-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 THEN PERFORM C-TYPE-EDIT GO TO WRITE-STAT-OUT. 379 THEN PERFORM C-TYPE-EDIT GO TO WRITE-STAT-OUT.	CARD NO			
360 360 31 (1400RX-TCC = 'AN' OR 'RI') AND 361 362 362 363 364 11 (1400RX-TCC = 'AN' OR 'RI') AND 364 365 365 366 36	358	PERFORM STAT-READ THRU		
360 361 362 362 363 364 TTC OF IN-REC = '239' 364 365 365 366 THEN PERFORM TYPE-239-EDIT GO TO READ-IN. GO TO WRITE-STAT-OUT. 368 369 THEN PERFORM A-TYPE-EDIT GO TO WRITE-STAT-OUT. 370 371 THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. 372 374 THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. 374 THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. 375 GO TO WRITE-STAT-OUT. 376 THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. 377 THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 GO TO WRITE-STAT-OUT. 379 370 THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. 379 371 THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT.	359	MOVE TCC OF JN-REC TO	03600000	
361 362 363 364 1 FIRST-CHAR = 'A' 365 366 367 1 FIRST-CHAR = 'U' 368 370 371 371 372 372 373 374 375 375 376 377 378 378 379 379 379 379 379 370 370 370 370 371 371 372 370 371 372 372 373 374 375 377 378 378 370 370 370 370 371 371 372 370 370 370 370 370 370 370 370 370 370	360	II (WORK-TCC = 'AN' OR 'RI')	09600000	
362 363 364 1 FIRST-CHAR = 'A' 365 366 367 1 THEN PERFORM A-TYPE-EDIT 368 370 371 371 372 374 375 375 376 377 1 FIRST-CHAR = 'A' 1 FIRST-CHAR = 'A' 1 FIRST-CHAR = 'A' 1 FIRST-CHAR = 'U' 371 372 373 1 FIRST-CHAR = 'B' 374 375 376 1 FIRST-CHAR = 'B' 377 1 FIRST-CHAR = 'B' 378 379 376 1 FIRST-CHAR = 'B' 377 1 HEN PERFORM B-TYPE-EDIT 377 378 379 370 371 1 FIRST-CHAR = 'E' 1 FIRST-CHAR = 'E' 377 1 HEN PERFORM E-TYPE-EDIT 377 378 379 370 370 371 1 FIRST-CHAR = 'E' 371 371 371 372 373 374 1 HEN PERFORM E-TYPE-EDIT 377 1 HEN PERFORM E-TYPE-EDIT 378 379 370 371 1 THEN PERFORM E-TYPE-EDIT 371 371 372 373 374 1 THEN PERFORM E-TYPE-EDIT 377 1 THEN PERFORM E-TYPE-EDIT 378 379 370 370 370 370 370 370 370 370 370 370	361	TTC OF IN-REC .	000000	
263 GO TO READ-IN. 364 THEN PERFORM A-TYPE-EDIT 365 GO TO WRITE-STAT-OUT. 368 THEN PERFORM U-TYPE-EDIT 369 TO WRITE-STAT-OUT. 370 THEN PERFORM R-TYPE-EDIT 371 THEN PERFORM R-TYPE-EDIT 372 GO TO WRITE-STAT-OUT. 373 THEN PERFORM R-TYPE-EDIT GO TO WRITE-STAT-OUT. 374 THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. 375 GO TO WRITE-STAT-OUT. 376 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 377 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 GO TO WRITE-STAT-OUT. 379 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT.	362	THEN	08600000	
365 365 THEN PERFORM A-TYPE-EDIT GO TO WRITE-STAT-OUT. 368 1 FIRST-CHAR = 'U' 370 11 FIRST-CHAR = 'R' 371 THEN PERFORM U-TYPE-EDIT GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 372 1 FIRST-CHAR = 'D' GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 374 THEN PERFORM D-TYPE-EDIT GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 376 1 FIRST-CHAR = 'E' 377 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 379 * NCN OF THE ABOVE.	263	00 00	05500000	
365 THEN PERFORM A-TYPE-EDIT GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 369 370 THEN PERFORM U-TYPE-EDIT GO TO WRITE-STAT-OUT. THEN PERFORM R-TYPE-EDIT GO TO WRITE-STAT-OUT. THEN PERFORM R-TYPE-EDIT GO TO WRITE-STAT-OUT. THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. THEN PERFORM B-TYPE-EDIT GO TO WRITE-STAT-OUT. THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT.	364	I FIRST-CHAR .	00010000	
366 GO TO WRITE-STAT-OUT. 368 THEN PERFORM U-TYPE-EDIT 369 GO TO WRITE-STAT-OUT. 370 II FIRST-CHAR * 'R' 371 THEN PERFORM R-TYPE-EDIT GO TO WRITE-STAT-OUT. 372 GO TO WRITE-STAT-OUT. 374 THEN PERFORM 0-TYPE-EDIT GO TO WRITE-STAT-OUT. 375 GO TO WRITE-STAT-OUT. 376 IF FIRST-CHAR * 'E' 377 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 GO TO WRITE-STAT-OUT. 379 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 379 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 379 THEN PERFORM E-TYPE-EDIT	365	THEN PERFORM	00001010	
368 369 THEN PERFORM U-TYPE-ED11 369 370 371 THEN PERFORM R-TYPE-ED11 372 373 I FIRST-CHAR = 'R' GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 374 THEN PERFORM 0-TYPE-ED17 GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 378 THEN PERFORM E-TYPE-ED17 GO TO WRITE-STAT-OUT. 378 379 **NCN OF THE ABOVE	996	of 00	0000:020	
369 GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 370 11 FIRST-CHAR & 'R' GO TO WRITE-STAT-OUT. 372 374 THEN PERFORM D-TYPE-EDIT GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 1/F FIRST-CHAR & 'E' 375 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 376 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 379 • NCN OF THE ABOVE	367	I FIRST-CHAR =	00001030	
369 GO TO WRITE-STAT-OUT. 370 II FIRST-CHAR * 'R' 371 THEN PERFORM R-TYPE-EDIT GO TO WRITE-STAT-OUT. 373 II FIRST-CHAR * 'D' GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 376 II' FIRST-CHAR * 'E' 377 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 GO TO WRITE-STAT-OUT.	368	THEN PERFORM	00001040	
370 371 THEN PERFORM R-TYPE-EDIT GO TO WRITE-STAT-OUT. 374 375 GO TO WRITE-STAT-OUT. 378 * NCN OF THE ABOVE	369	07 09	00001050	
372 372 GO TO WRITE-STAT-OUT. 374 375 376 I FIRST-CHAR = 'D' GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 176 177 176 GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 378 379 • NCN OF THE ABOVE 380 A D 1 TO OTHER-CTR.	370	IF FIRST-CHAR .	0901000	
GO TO WRITE-STAT-OUT. 373 1 FIRST-CHAR = 'D' GO TO WRITE-EDIT GO TO WRITE-STAT-OUT. 376 1 FIRST-CHAR = 'E' 377 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 **O TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. 379 **O TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT.	371	THEN PERFORM	0C001C70	
373 I FIRST-CHAR = 'D' 374 THEN PERFORM D-TYPE-EDIT GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. GO TO WRITE-STAT-OUT. THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT.	372	07 00	00001080	
374 375 GO TO WRITE-STAT-OUT. 376 I: FIRST-CHAR * 'E' 377 THEN PERFORM E-TYPE-EDIT GO TO WRITE-STAT-OUT. 378 GO TO WRITE-STAT-OUT. 379 **NCN OF THE ABOVE 380 A D 1 TO OTHER-CTR.	373	I FIRST-CHAR =	050:0000	
375 376 If FIRST-CHAR = 'E' 377 THEN PERFORM E-TYPE-EDIT GD TO WRITE-STAT-OUT, GD TO WRITE-STAT-OUT, 379 'NCN OF THE ABOVE 380 A D 1 TO OTHER-CTR.	374	THEN PERFORM	000001100	
376 377 THEN PERFORM E-TYPE-EDIT GD TO WRITE-STAT-OUT. 379 * NCN OF THE ABOVE 380 A D 1 TO OTHER-CTR.	375	00 10	00001110	
377 378 GO TO WRITE-STAT-OUT. 379 NCN OF THE ABOVE 380 A D 1 TO OTHER-CTR.	376	If FIRST-CHAR .	00001120	
379 • NCN OF THE ABOVE 380 A D 1 TO OTHER-CTR.	377	THEN PERFORM	00001130	
379 • NCN OF THE ABOVE 380 • A D 1 TO OTHER-CTR.	378		00001140	
380 A D 1 TO OTHER-CTR.	379	. NCN OF THE	00001150	
	380	A D 1 TO	09110000	

06/28/78		
CARD NO	CONTENTS	•
381	G TO READ-IN.	00001173
382	WRITE STAT-OUT.	00001160
383	WHITE OUT-REC FROM IN-REC.	00001190
384		00001500
385	GO TO READ-IN.	00001210
386		00001220
	E ECT	0000:230
387		00001243
388	DISPLAY 'OPEN ROUTINE ENCOUNTERED'.	00001250
389	DI EN INPUT STAT-IN.	00001260
390	O: EN OUTPUT STAT-OUT, EOJ-DISPLAY, OUT-239.	00001270
391	OPEN-POUTINE-ALT.	00001280
392	M. VE ZERO TO A-CTR, R-CTR, E-CTR, D-CTR, U-CTR.	00001250
393	M. VE ZERO TO STAT-CTR, STAT-OUT-CTR, OUT-239-CTR.	00001300
394	M VE ZERO TO GLD-DO-ACTION.	00001310
395	M VE ZERO TO ABEND-SWITCH, OTHER-CTR.	00001320
396	NOVE LOW-VALUES TO OLD-MID, WORK-MID, OLD-TCC.	00001330
397	OPEN- OUTINE-END. EXIT.	00001340
868	STAT- EAD.	00001350
399	RIAD STAT-IN, AT END PERFORM EOJ-ROUTINE.	00001360
400	I! MID OF IN-REC = LOW-VALUES	00001370
401	THEN PERFORM EOJ-ROUTINE	00001380
NO CONTRACTOR OF THE PARTY OF T		

CONTENTS	
GO TO READ-IN.	00001400
A:D 1 TO STAT-CTR.	00001410
MID-D	00001420
M. VE NORK-MID TO OLD-SSN.	00001430
M VE DO-ACTION OF IN-REC TO OLD-DO-ACTION.	00001449
STAT- EAD-END. EXIT.	00001450
TYPE., 39-EDIT.	00001460
	00001470
I: OUT-239-CTR < 5	00001480
	00001490
WITE OUT-239-REC FROM IN-REC.	00001500
	00001510
A-T1PEDIT.	00001520
ALD 1 TO A-CTR.	00001530
I. A.CTR < 5	00001540
	00001550
	00001560
U-TYP -EDIT.	00001570
A. G. 1 TO G-CTR.	00001280
IF U-CTR < 5 DISPLAY 'U-TYPE EDIT ENCOUNTERED'.	00001280
	0001600
R-TYPE-EDIT.	00001610
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426	06/28/78	INPUT LISTING	AUTOFLOW CHART SET	. SRS	EXTRACT TCC=239 RCDS
426 427 428 429 429 410 429 420 420 420 420 421 420 420 421 420 421 422 420 421 422 423 424 425 426 427 428 428 428 428 428 428 428	CARD NO		CONTENTS		
428 429 429 429 420 1. D-CTR < 5 DISPLAY 'D-TYPE EDIT ENCOUNTERED'. 431 432 434 434 434 435 435 436 437 438 439 439 439 439 439 439 430 430 430 431 430 431 430 431 431 432 432 433 434 434 434 434 434 434 434		I. R.CTR <	E011	ACOUNT ERED".	00001630
423 410 1 TO D-CTR. 431 432 433 430 11 D-CTR < 5 DISPLAY 'D-TYPE EDIT ENCOUNTERED'. 433 434 435 435 436 437 438 439 439 439 439 430 431 430 431 430 431 431 432 432 433 434 434 434 434 434 435 436 437 438 438 438 438 438 438 438 438 438 438					00001640
423 430 1. D-CTA < 5 DISPLAY 'D-TYPE EDIT ENCOUNTERED'. 432 433 434 1. E-CTR < 5 DISPLAY 'E-TYPE EDIT ENCOUNTERED'. 435 436 437 438 439 439 430 430 430 430 431 431 432 433 434 435 436 437 438 438 438 448 448 448 448					00001650
430 431 432 434 439 1. E-CTR < \$ DISPLAY 'E-TYPE EDIT ENCOUNTERED'. 439 439 EOU-R UTINE. 439 MAYE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. 439 MAYE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. 430 MAYE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. 431 MAYE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. 430 MAYE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. 441 MAYE 'EDIT/EXTRACT FOR REGULAR STATS' TO TOP-INFO. 442 444 MAYE 'BUILD SEPARATE SSN CHANGE FILE' TO TOP-INFO. 445 MAYE 'BUILD SEPARATE SSN CHANGE FILE' TO TOP-INFO. 446 MAYE CUARENT-DATE TO CUR-DAT. 447 MAYE CUARENT-DATE TO CUR-DAT. 448 MAYE CUARENT-DATE TO TOP-INES AFTER ADVANCING. 449 MAYE CUARENT-DATE TO TOP-INES AFTER ADVANCING.		ALD 1 TO			00001660
431 432 433 434 1. E-CTR < S. DISPLAY 'E-TYPE EDIT ENCOUNTERED'. 435 EOU-R UTINE. 436 DISPLAY 'END OF UDB ENCOUNTERED'. 437 438 439 440 440 441 442 444 444 445 445 446 446 447 448 448 448 448 448	430	I. D.CTR < 5	EDIT	COUNTERED".	00001670
432 432 434 435 1	431				00001680
433 434 1: E-CTR < S DISPLAY 'E-TYPE EDIT EMCOUNTERED'. 435 DISPLAY 'E-MD OF JOB ENCOUNTERED'. 436 WAVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. 439 WAVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. 439 WAVE 'E-DIT/EXTRACT FOR REGULAR STATS' TO TOP-INFO. WAVE 'E-DIT/EXTRACT FOR REGULAR STATS' TO TOP-INFO. 440 WAVE 'E-DIT/EXTRACT FOR REGULAR STATS' TO TOP-INFO. 441 WAVE 'E-DIT/EXTRACT FOR REGULAR STATS' TO TOP-INFO. 442 WAVE CURRENT-DATE TO CUR-DAT. 2 LINES. 444 WAVE CURRENT-DATE TO CUR-DAT. 445 WAVE DATE-LINE TO TOP-INFO. 446 WAVE DATE-LINE TO TOP-INFO.					06901690
### ##################################	433	A D 1 TO			00001700
### ##################################	434	I E-CTR < 5	1103	COUNTERED".	00001710
436 437 W.VE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. 438 439 440 W.VE 'EDIT/EXTRACT FOR REGULAR STATS' TO TOP-INFO. 441 W.TE EOU-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING AN 'VE 'EDIT/EXTRACT FOR REGULAR STATS' TO TOP-INFO. 442 444 W.VE 'BUILD SEPARATE SSN CHANGE FILE' TO TOP-INFO. 444 W.VE CURRENT-DATE TO CUR-DAT. 2 LINES. 445 W.VE CURRENT-DATE TO CUR-DAT. 2 LINES. 446 W.VE CURRENT-DATE TO TOP-LINES AFTER ADVANCING.					00001720
438 439 440 440 441 442 442 443 444 444 444 444	436	DISPLAY	DUNTERED".		00001730
438 439 440 440 441 442 442 443 444 444 444 445 446 446 447 448 448 448 448 448 448 448 448 448	437	MAYE 'STATISTICAL		TO TOP-INFO.	00001740
10-NEW-PAGE. 440 441 442 443 444 444 444 445 446 446 446	438				00001750
440 441 442 443 444 444 444 445 446 448 448 448				TO-NEW-PAGE.	
442 443 444 444 445 446 W.VE 'BUILD SEPARATE SSN CMANGE FILE' TO TOP-INFC. 2 LINES. 445 446 W.VE CURRENT-DATE TO CUR-DAT. 2 LINES. 447 W.VE DATE-LINE TO TOP-INFG. 448 W.VE DATE-LINE TO TOP-INFG.	440	3K.VE		10 TOP-INFO.	00001770
2 LINES. 443 444 444 445 446 W.VE CURRENT-DATE TO CUR-DAT. 2 LINES. 446 W.VE CURRENT-DATE TO CUR-DAT. 448 WITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING.	441	WITE EOU-DISPLAY-REC	TOP-LINES	IFTER	0000:780
444 445 445 446 W. ITE EOU-DISPLAY-REC FROM TOP-LINES - AFTER 2 LINES. 446 W. VE CURRENT-DATE TO CUR-DAT. 447 W. VE DATE-LINE TO TOP-INFO. 448 WITE EOU-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING.	442				
444 445 446 W.VE CURRENT-DATE TO CUR-DAT. W.VE DATE-LINE TO TOP-INFO. 448 WPITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING.	443	34:48		10 TOP-INFC.	00001800
2 LINES. 446 M.VE CURRENT-DATE TO CUR-DAT. 447 M.VE DATE-LINE TO TOP-INFO. 448 MPITE EOU-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING.		W ITE EOJ-DISPLAY-REC	FROM TOP-LINES .	IFTER	00001810
446 M.VE CURRENT-DATE TO CUR-DAT. 447 M. VE DATE-LINE TO TOP-INFO. 448 MPITE EDJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING					
447 W. VE DATE-LINE TO TOP-INFO. 448 WPITE EDJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING		M.VE CURRENT-DATE	CUR-DAT.		00001830
448 WPITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING		M: VE DATE-LINE TO	INFO.		00001640
	448	WPITE EOJ-DISPLAY-REC			00001650

CARD NO	CONTENTS	
449	2 LINES, 000018E0	•
450		
451	THEN MOVE ' NORMAL END OF JOB ' TC 00001880	•
452		•
453	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER OCCOOTSOO	•
454	ADVANCING 5 LINES 90001919	•
455	455 ELSE MOVE ' ** ABNORMAL END *** ' TO 00301920	•
456	10P-1NFO 00001950	
457	457 WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00001940	,
458	ADVANCING 5 LINES Q0001950	
459	MOVE ' ** SEQUENCE ERROR ** ' TO	•
460	TOP-1NFO 00301973	•
461	461 WRITE EOU-DISPLAY-REC FROM TOP-LINES AFTER 00001990	•
	ADVANCING 3 LINES. 00001993	•
463	M VE 'NUMBER, OF REGULAR STAT RECORDS READ ' TO LOW-INFO.00302003	•
		•
465	WITE EOJ. DISPLAY-REC FROM LOW-LINES AFTER ADVANCING OCCO2020	
466	5 LINES, 00002030	
467	" NEVE 'NUMBER OF A - TYPE STAT RECORDS READ' TO LOW-INFO. DODO2C40	,
463	M. VE A-CTR TO LOW-NUM. OCO02050	•
469	IN THE EGU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING GC002C60	
470	2 LINES. OCO02070	
		Contract of the party

06/28/78	INPUT LISTING AUTOFLOW CHART SET - SRS EXTRACT TCC=239 RCDS
CARD NO	CONTENTS
472	WAVE D-CTR TO LOW-NUM.
473	WITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00302100
474	2 LINES, 00002110
475	MOVE 'NUMBER OF E - TYPE STAT RECORDS READ' TO LOW-INFO.00002120
476	W VE E-CTR TO LOW-NUM. 00002130
477	A ITE EOU-DISPLAY-REC FROM LOA-LINES AFTER ADVANCING 00002140
478	2 LINES, 00002150
479	M. VE 'NUMBER OF R - TYPE STAT RECORDS READ' TO LOW-INFO. 00302160
480	N: VE R-CTR TO LOM-NUM.
481	ALITE EOJ-DISPLAY-REC FROM LOM-LINES AFTER ADVANCING 00002180
482	2 LINES. 00002190
483	M: VE 'NUMBER OF U - TYPE STAT RECORDS READ' TO LOW-INFO.00002200
484	M: VE U-CTR TO LOW-NUM.
485	WITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00002220
485	2 LINES, 00002230
487	M VE 'NUMBER OF OTHER STAT RECORDS READ' TO LOW-INFO.00002240
488	M VE OTHER-CTR TO LOW-NUM.
489	W ITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING OCCO2280
490	2 LINES. 00002270
491	MOVE 'NUMBER OF STAT RECORDS ON OUTPUT FILE ' TO LOW-INFO. DC002280
492	# VE STAT-DUT-CTR TO LOW-NUM.
493	WRITE EQU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING OCO023CO
494	5 LINES, 0C002310
CONTRACTOR OF THE PROPERTY OF	A CHAIN WAS WITH WITH THE STANDARD WAS A SOUTH STANDARD WITH STANDARD WITH STANDARD WITH STANDARD WITH STANDARD WAS A SOUTH STANDARD WITH STANDARD WAS A SOUTH WAS A SOUTH WAS A SOUTH STANDARD WAS A SOUTH WAS A SOU

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CONTENTS W. VE 'NUMBER OF SSN CHANGE RECORDS OUTPUT ' TO W. VE OUT-239-CTR TO LOW-NUM. W. ITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADV W. ITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADV THEN CLOSE STAT-IN, STAT-OUT. EOU-DISPLAY. STOP RUN. S OF RUN.	A 16	NFO.00002320	00002330	00002340	2 LINES. 0C002350	00002360	35 00002370	00002360	00002390	00002400	
e no	CONTENTS	'NUMBER OF SSN CHANGE RECORDS OUTPUT ' TO LOW-	OUT-239-CTR TO LOW-NUM.	EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING	2 111	IID OF IN-REC NOT . LOW-VALUES	HEN CLOSE STAT-IN. STAT-OUT. EOU-DESPLAY. OUT-:	STOP RUN.			
	CARD NO	A. VE	M. VE			1			DULINY END	30 S	

3.1.4 Flowchart. The following chart is an AUTOFLOW charting of the SRSX239 logic:

(000363) * 04	- 001-XEOM			7 2.03
READ-IN PARAGRAPH I	(000361) 1 02	IS I PERFORM I 71 I I STAT-READ I . I I THROUGH I OI I I I STAT-READ I . I I I I STAT-READ I 2 I I I I I I STAT-READ I 2 I I I I I I I STAT-READ I 2 I I I I I I I I I I I I I I I I I	(000362) 1 03	I MOVE I TCC OF IN-REC TO I I MORK-TCC
PROGRAM IO		14 I PERFO M I SI I	THEOUTHE END I	

AUTOFLOW CHART SET - SRS

PAGE 02

EXTRACT TCC=239 RCDS

06/28/78

		(000382) I NOTE CT	NONE OF THE		1 A20 1 TO 0THER-CTR 1		1.02	. READ-IN	THE RESIDENCE OF THE PROPERTY
``	(000379) · 05	FIRST-CHAR #	IYES		1 1 1 (000383) 1 06	11 PERFORM 1 11 11 11 11 11 11 11		4.01.	
	(000376) - 03	FIRST-CHAR	 IYES		(000377) 1 04	11 I PERFORM I 01 1. I D-TYPE-EDIT I .I 10 I I I I I I I I I I I I I I I I I I I		. 4.01	
9	. в.	IYES		(000374) 1 02	PERFORM 1 91		4.01	7.	

WRITE-STAT-OUT	OPEN-EQUTINE	(000393) 1 05 1	GEE4-ROUTINE-ALT
10	1 (160000)	STAT-CUT) [(58800.0)
WAITE OUT-REC FROM / IN-REC	DISPLAY OPEN ROUTINE / ENCOUNTERED' /	1 1 1 000393) I 06	I MOVE I DECTR E-CTR D-CTR I MOVE I M
(000387) I 02 ADD 1 10 STAT-OUT-CTR I	(000392) 1 04	OPEN OUTPUT/	STAT-CUT-CTR OUT-239-CTR MOVE ZERO TO QLD-30-ACTION
	OPEN INPUT / STAT-IN /	(000393) I 07 I	
.02	1	/OPEN OUTPUT/	10.8 /

06/28/78

CHART TITLE . PROCEDURE DIVIS ON

/ (000407) /	06.02>1	I ADD I TO STAT-CTR I		/ 7.01					
			(000404) I 03	11 1 PERFORM 1 51 11 I EOU-ROUTINE 1 1		(000405) 1 04	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 1 ROUTINE - ALT 1 01 18 1 THROUGH 1 21 1 1 OPEN 1 1 1 1 ROUTINE - END 1 1	
	05.04>			(000403) 02	. MID 0 . NO I IN-REC = I		17 S 6 1		

PEAD-IN

1.02

- 41 -

1 8.01

TYPE-239-EDIT

/ (000412) /

06/28/78

CHART TITLE - PROCEDURE DIVIS ON

6 20 I 1 TO OUT-239-CTR + OUT-239-CTR < TYPE-239-EDIT ---02.02--> (000413) I (000414) I ADD . EXIT . PERFORM EXIT 1 02 STAT-READ-END PARAGRAPH (000411) I OLD-DO-A' TION MID-OK PARAG' APH WORK-WIL TO DO-ACT 10: OF MOVE OLD-5.N IN-REC TO 06.05---> (000000) MOVE

- 42 -

U-TYPE-ED11

PERFORM EXIT 1 07 ENCOUNTERED 9.01. . EXIT /015PLAY (030421) 1 02.05...>1 (000421) . 80 A-TYPE-EDIT PAPAGRAPH 2 / (000418) / 05 1 TO A-CTR A-CTR < 5 (000419) 1 ...02.05...>* (000420) COV A-TYPE-EDIT PERFORM EXIT 1 03 * EXIT ************ (000415) I 415) 1 01 0 OUT-239-REC FROM IN-REC /DISPLAY / '239 EDIT ENCOUNTERED' (000415) I 07.04---> 07.04--->1 (000416) I WRITE

0-TVPE-E01T

		(000429) 1 (07	/DISPLAY //R-TYPE EDIT // ENCOUNTERED	03.02*>1	1 96 I	SERFORK EXIT	.10.01
/ (000427) //	03.02*>* R-TYPE-EDIT PARAGRAPH	(000428) I 05 I ADD I 1 TO R-CTR I	1 1 1 000429) • 06	R-CTR < 5	17ES 9 1		
	• • • •	(000425) 1 03	/ DISPLAY I		1 04 II	PERFURM EXIT I I	R-TYPE-ED11
/ (000423) /	02.07*>* U-TYPE-EQIT PARAGRAPH	(000424) I 01 I ADD I I 1 TO U-CTR I I I	(000425) • 02 F I	U.CTR < 5	1YES 9 1		

06/28/78	AUTO	AUTOFLOW CHART SET - SRS EXTRACT TCC	TCC=239 RCDS PAGE 10
CHART TITLE - PROCEDURE DIVIS.ON	S. ON		
/ (000431) /		/ (000435) /	
03.04*>* D-TYPE-EDIT PARAGRAPH		E-TYPE-EDIT PARAGRAPH	
(000432) 1 0'		(000435) I 05 I ADD	
1 1 10 D-CTR 1 +	(000433) I 03 I	1 1 TO E.CTR I	(030437) 1 07
		(000437) . 06	/ ENCOUNTERED
:	03.04>1	E-CTR < 5	03.06>1
1 YES . 10 . 1	1 04 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 06 1
	PERFORM EXIT		PERFORM EXIT
	E-17PE-E011		
The state of the s			EQU. POUTINE

- 45 -

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06/28/78

	(000445) I C6 I MOVE I WOVE I SEN CHANGE FILE I I SEN CHANGE FILE I I TO TOP-INFO	(00047) 1 07	/FOW TOF-LINES / / AFTER 2 LINES / (000449) I 08	CURPENT DATE TO I CURPORT I MOVE I DATE-LINE TO I TOP-INFO	
	(00041) 1 03 1 /WRITE / WESTE / 1 /EROW TOP-LINES / 1 /FROM TOP-LINES / 1 /FROM TOP-LINES / 1 / AFTER ADVANCING / 1	(000443) [04 [I MOVE	'EDIT/EXTRACT FOR REGULAR	/WRITE / EUJ-DISPLAY-REC/ I / FROM TOP-LINES / I AFTER 2 LINES / I	
/ (0004.8) /	60J-POUTINE ARAGRAPH	FIND OF JOB / I	(00040) 1 02 1		

		/ (000458) /	
(000451) 1. 01		12.02>1 05 1	(0.00464) I C8
/WRITE /EOU-DISPLAY:REC/ /FROM TOP-LINES / /AFTER ADVANCING/ / 2 LINES		I MOVE I ABNORMAL I END ** TO I I I I TOP-INFO I I I I I I I I I I I I I I I I I I I	/WRITE /EOJ-DISPLAY-REC/ /FRJW TOP-LINES / /AFFW ADVANCING/ / AFFE ADVANCING/ / 3 LINES
		I (000450) I 06 II	12.04>1 .000466) I C9
(000453) • 02	•	/WRITE /EQU-DISPLAY-REC/ I	I NOW I
	(000454) I 03		REGULAR STAT
	PRMAL		5
	1 022	(000462) 1 07	
	(000456) I 04	I MOVE I ** SECUENCE I ** SECUENCE	
	/WRITE /EOJ-DISPLAY-REC/ /FRCM TOP-LINES / /AFTER ADVANCING/ 5 LINES	0:	13.01

.12.09.

- 47 -

	(000472) 1 03 1	(000475) 1 05 1	Topico)
/WRITE / I	/WRITE / I /ECU-DISPLAY-REC/ I	/WRITE /EOJ-DISPLAY-REC/	/WRITE /EGJ-DISPLA/-FILC/
/FROM LOW-LINES / I /AFTER ADVANCING/ I 5 LINES / I	/FROM LOW-LINES / I	/AFTER ACVANCING/	/AFTER AEVANCING/
			1
(000470) 1 02 1	(000474) I . 04 I	(000479) I 06 I	(030482) I C8
MOVE	I MOVE I	I MOVE I	I MOVE
'NUMBER OF A - I I	I 'NUMBER OF D - I I	I 'NUMBER OF E - I I	I 'NUMBER OF ? -
TYPE STAT I I	I I TYPE STAT I	I I PECCESS PEAN I	TYPE STAT
LOW-INFO	I LOW-INFO I	I LOW-INFO I	I LOW-INFO
A-CTR TO LOW-NUM I I	I MOVE I D-CTR TO LOW-NUM I I	I MOVE I I I	: MOVE : R-CTR TO LOW-NUM
		860	
			The property of the state of th
***********	*	********	

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1	1	/WRITE / II / EQJ-DISPLAY-REC/ II / FROM LOW-LINES / II AFTER ADVANCING/ II 2 LINES / II	/KRITE / ECJ-DISPLAY-REC/ II / FRCM LOW-LITES / II / AFTER ADVANCING/ II	/WRITE /EOJ-DISPLAY-REC/ /FROM LOW-LINES / I /AFTER ADVANCING/	/#RITE /EQU-[0]SPLAT-REC/ /FRIS LOW-LINES / /AFTER SLVAR-CING/ 5 LINES
BER OF U - I I MOVE PE STAT I I NUMBER OF OTHER I I NUMBER OF STAT I I I I I NUMBER OF STAT I I I I NUMBER OF STAT I I I I NUMBER OF STAT I I I I I I NUMBER OF STAT I I I I I I NUMBER OF STAT I I I I I I NUMBER OF STAT I I I I I I NUMBER OF STAT I I I I I I I I I I I I I I I I I I	BER OF U . I I MOVE PE STAT I I I NUMBER OF OTHER I I NUMBER OF STAT I I I STAT RECORDS I I RECORDS ON I I READ' TO LOW-INFO I I I LOW-INFO I I I LOW-INFO I I I I I I I I I I LOW-NUM I I I LOW-NUM I I I I LOW-NUM I I I I I I I I I I I I I I I I I I I		(000490) 1		1 (000498)
		VE NUMBER OF U . I I		CORDS ON	I MOVE I WOVE I WOUNDER OF SSN I
I LOW-NUM	I LOW-NUM I	LOW-INFO I I I		I MOVE I STAT-OUT-CTR TO I	MOVE 1001-239-C/R TO 1
				I LOW-NUM	I LOK-NUM I

END OF RUM

		PERFORM		*	(000503) I 06	0017.239
(000503) 1 03	` ,ÿ_,	(000503) I 04	/close / STAT-OUT /	(000603) I 005	/close / EGJ-DISPLAY / I	
100	ITE	(000502) 02	IN-REC NOT = *-+ I	1 YES 15 1		

PLGE .16

EXTRACT TCC=239 RCDS

AUTOFLOW CHART SET . SRS

CHART TITLE - PROCEDURE DIVISION

06/28/78

/ (505000) /

15.08--->*
OUMMY-END PARAGRAPH

. HALT . 10 1 (905000)

END OF RUM

3.1.5 Output. The transaction statistics records that are input to SRSX239 are split into two outputs. One output is written onto tape. This tape contains all the regular stats (except JD- and JP-type) that will be used in updating the SRS history file. This tape will be used as input to the "Merge XJD and X239" process.

The second output from SRSX239 is written onto a disk file. This file contains all the transactions used for changing social security (Military Identification) numbers. These transactions are identified by a Type Change Code (TCC) of AN or Rl and a Type Transaction Code (TTC) of 239. The Rl transaction for a given individual contains the old SSN. The AN transaction contains the new SSN. By pairing up the two records in a later step (by sorting them together on initials and date of birth) the history record and appropriate transaction records can have the new SSN inserted. This disk data set will be the input to program SRSE239 after the sorting mentioned above.

The sample of the printer output for program SRSX239 follows:

												T	M-60	23	
STATISTICAL RETRIEVAL SYSIEM	EDIT/EXTRACT FOR REGLLAR STAIS BUILD SEPARATE SSA CHANGE FILE	7175130	NGRMAL END OF JOB	NUMBER OF REGULAR STAT RECGROS READ - 36,338	OF 0 - TYPE STAT RECORDS READ -	RECCADS READ	OF R - TYPE STAT RECORDS	CF U - TYPE STAT RECORDS READ = 7,34	NUPBER OF UINER SIAI RECUROS NEAD	NUMBER OF STAT RECORDS ON CLIPUT FILE - 36,230	NUMBER OF SSM CHANGE RECORDS OUTPUT - 108				
						. 53	1								

0.

.0

3.1.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution:

```
//15719101 JOB (701R, MPI3), 44005 CAPT JENKINS , TIME=1
                                                                          00000010
  OBLIB DD DSN=HQMC1.MPI.LCADLIB.DISP=SHR
                                                                          00000020
//STEPONE
           EXEC PGM=1EHPROGM, REGION=80K
                                                                          00000030
//SYSPRINT DD SYSOUT=A
                                                                          00000040
//SYSOUT DD SYSOUT=A
                                                                          00000050
//SYSIN DD
                                                                          20000060
 UNCATLG DSNAME=HQMC1.MPI2.C1080.SRSX239N
                                                                          00000070
UNCATLG DSNAME=HQMC1.MPI2.C1080.SRSX23ND
                                                                          08000000
14
                                                                          00000090
    EXEC L COBUCLG, OFF=MPI1, SECT=RETRV,
                                                                          00000100
    PARM.COB=(LIB.NODECK.LOAD.NODMAP.NOPMAP.SUPMAP.NOXREF.STATE.SXREF.
11
                                                                          00000110
               *SIZE=114K*.*BUF=16K*).
                                                                          00000120
11
                                                                          00000130
11
       REGION.LKED=90K,
       REGION.GD=200K
                                                                          00000140
//LIB.SYSIN DD #
                                                                          00000150
-DPT NOLIST
                                                                          00000160
-SEL
     SRSX239,Q55C,EXEC
                                                                          00000170
-FND
                                                                          00000180
/*
                                                                          00000190
//COB.SYSIN DD DSN=&&LIBTEMP
                                                                          00000200
                                                                          00000210
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR
1*
                                                                          00000220
//LKED.SYSLIB DD
                                                                          00000230
11
      DD
                                                                          00000240
11
           DSN=HQMC1.AP12.MMSLIB.DISP=SHR
                                                                          00000250
                                                                          00000260
 GO.SYSPRINT DD SYSOUT=A,DCB=(RECFM=UA,BLKSIZE=133)
                                                                          00000270
                                                                          08200000
//GO . SY SO UT
              DD
                  SYSOUT=A
                                                                          00000290
//GC .SYSUDUMP DD SYSCUT=A
//GO.SYSDBOUT DD SYSOUT=A
                                                                          00000300
//GO.STATOUT
              DD DSN=HQMC1.MPI2.C1080.SRSX239N.
                                                                          00000310
                                                                          00000320
       UNIT=2400-3.
11
       DCB=(RECFM=FB.LRECL=240.BLKSIZE=2400).DISP=(NEW.CATLG.DELETE)
                                                                          00000330
//GC.DUT239 DD DSN=HQMC1.MPI2.C1080.SRSX23ND.DISP=(NEW.CATLG.DELETE). 00000340
11
       SPACE=(TRK,(60,2),RLSE),
                                                                          00000350
11
                                                                          00000360
       DCB=(RECFM=FB,LRECL=240,BLKSIZE=2400),UNIT=3330
//GD.STATFILE DD DISP=OLD.DSN=HQMC1.AP12.C1080.PS14RMHF.G7803V00
                                                                          00000370
                                                                          00000380
/*
// EXEC IELEASE, PARM= 15719111
                                                                          00000390
                                                                          00000400
1*
                                                                          00000410
11
```

Note 1. The DSNAME labels that appear in the uncatalog statements (lines 70 and 80) must be the same as the DSN labels in STATOUT and OUT239 (lines 310 and 340).

Note 2. The DSN label on the STATFILE DD card must be the name of the current regular transaction file.

3.1.7 Program Maintenance. The following fields are used by program SRSX239. Changes to these fields may have an effect on the successful execution of the program.

DATA NAME	DESCRIPTION
MID	Military identification
TCC	Type change code
DO-ACTION	Date of action
TTC	Type transaction code

If changes to the program are necessary, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit, and replace the original load module in LOADLIB.

//15703102 JOB (601R-MPI2). COMP & LKED X239 .TIME=(00.50)	00000010
// EXEC LCOBUCL.OFF=MPI1.SECT=RETRV.LLIB=LOADLIB.ROOM=MPI.	00000020
// LMEM=SRSX239	00000030
//LIB.SYSIN DD *	00000040
-OPT NOLIST	00000050
-SEL SRSX239 AGSC.RESEQ.TEMP.EXEC	0000060
-END	00000070
/*	00000080
/*	2020090
//COB.SYSIN DO DSN=&&LIBTEMP	00000100
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR	00000110
/*	00000120
//LKED.SYSLIB DD	00000130
// DD	00000140
// DD DSN=HQMC1.AP12.MMSLIB.DISP=SHR	00000150
/*	00000160
<i>"</i>	00000170

3.2.1 Program SRSE239. This program is an edit step in the SSN change process. The purpose of the editing is to ensure that there are pairs of transactions (R1-AN) for each SSN change.

Since the SSN will be different in each of the transactions, the records must be sorted on some common fields to mate up the pairs. The sort fields are initials, date of birth and date of transactions. The second step of this job is a sort process to group the transactions by initials, etc. The third step performs the editing functions of checking for the presence of both transactions.

- 3.2.2 Input. The input to this program is the disk file output from SRSX239. This program will also output a disk file of edited records to be used as input to SRS239.
- 3.2.3 Source Program. Following is a listing of the source statements for SRSE239:

AUXLIST=YES AUXLIST=YES AUXLIST=YES IFICATION DIVISION. AM-1D. SRSE2'99. R. TOM TEEPLES. COMPILED. OUNDENT DIVISION. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65	08/20/77 INPUT	INPUT LISTING	AUTOFLOW CHART	HART SET - SRS		
Defin auxlist=vES IDENTIFICATION DIVISION. PROGRAM-1D. SRSE299. AUTHOR. TOM TEFPLES. DAIE-COMPILED. ENVIRONMENT DIVISION. CONFIGURATION SECTION. SOURCE-COMPUTER. IBM-360-H65. GBJECT-COMPUTER. IBM-360-H65. SPECIAL-NAMES. COI IS TO'NEW-PAGE. INPUT-OUTPUT SECTION. FILE-CONTROL. SELECT EOU-DISPLAY. ASSIGN TO UT-2400-S-SSNCHOIN. SELECT IN-239. ASSIGN TO UT-2400-S-SSNCHOUT. SELECT ERR-OUT. ASSIGN TO UT-2400-S-SERRMESSG. EJECT		ILISI.CHART.PARM)				
FYES N DIVISION. SASE239. TEEPLES. I SECTION. SECTION. OU-DISPLAY. ASSIGN TO UT-2400-S-SSNCHGIN. UT-239. ASSIGN TO UT-2400-S-SSNCHOUT. RR-OUT. ASSIGN TO UT-2400-S-SRNCHOUT.	ON G	8	NTENTS		•	
FICATION DIVISION. AM-1D. SRSE239. AM-1D. SRSE239.		OPTION AUXLIST=YES				
IFICATION DIVISION. AM-1D. SRSE239. R. TOM TEEPLES. COMPILED. GURATION SECTION. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. AL-NAMES. OI IS TO-NEW-PAGE. -OUTPUT SECTION. CONTROL. ELECT EOU-DISPLAY, ASSIGN TO UT-2400-S-SSNCHGIN. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT ERR-OUT. ASSIGN TO UT-2400-S-SRNCHOUT.		•			01000000	
AM-1D. SRSE2'39. R. TOM TEEPLES. COMPILED.	•				00000000	
COMPILED. COMPILED. COMPILED. COMPILED. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65.	2				00000000	
COMPILED. ONMENT DIVISION. GURATION SECTION. E-COMPUTER. 1BM-360-H65. T-COMPUTER. 1BM-360-H65. AL-NAMES. OI IS TO-NEW-PAGE. -OUTPUT SECTION. CONTROL. ELECT EOU-DISPLAY. ASSIGN TO UT-2400-S-SSNCHOIN. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT ERR-OUT. ASSIGN TO UT-2400-S-SSNCHOUT. ASSIGN TO UT-2400-S-SSNCHOUT. ASSIGN TO UT-2400-S-SSNCHOUT.	9				000000040	
GURATION SECTION. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. AL-NAMES. OI IS TO-NEW-PAGE. -OUTPUT SECTION. CONTROL. ELECT EOU-DISPLAY, ASSIGN TO UT-2400-S-SSNCHOUT. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT ERR-OUT. ASSIGN TO UT-2400-S-SSNCHOUT. ASSIGN TO UT-2400-S-SSNCHOUT.	•	DATE - COMPILED.			05000000	
GURATION SECTION. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. AL-NAMES. O1 IS TO-NEW-PAGE. -OUTPUT SECTION. CONTROL. ELECT EOJ-DISPLAY, ASSIGN TO UT-240C-S-SSNCHGIN. ELECT OUT-239. ASSIGN TO UT-240C-S-SSNCHOUT.	N.	•			09000000	
E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. AL-NAMES. OI IS TO-NEW-PAGE. -OUTPUT SECTION. CONTROL. ELECT EOJ-DISPLAY, ASSIGN TO UT-2400-S-SSNCHGIN. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT OUT-239. ASSIGN TO UT-2400-S-SERMESSG. JECT	9				00000000	
E-COMPUTER. 1BM-360-H65. T-COMPUTER. 1BM-360-H65. AL-NAMES. O1 IS TO-NEW-PAGE. OUTPUT SECTION. CONTROL. ELECT EOJ-DISPLAY, ASSIGN TO UT-2400-S-SSNCHOIN. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT DUT-239. ASSIGN TO UT-2400-S-SSNCHOUT.	1				08000000	
1-COMPUTER. IBM-360-H65. AL-NAMES. O1 IS TO-NEW-PAGE. -OUTPUT SECTION. CONTROL. ELECT EOJ-DISPLAY. ASSIGN TO UT-2400-S-SSNCHGIN. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT ERR-OUT. ASSIGN TO UT-2400-S-SSNCHOUT.	80	ER.			06000000	
AL-NAMES. OI IS TO-NEW-PAGE. -OUTPUT SECTION. CONTROL. ELECT EOJ-DISPLAY, ASSIGN TO UR-1403-S-SYSPRINT. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOIN. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT ERR-OUT, ASSIGN TO UR-1403-S-ERRMESSG. JECT	6	ER.			000000100	
OUT IS TO-NEW-PAGEOUTPUT SECTION. CONTROL. ELECT EOJ-DISPLAY, ASSIGN TO UT-240C-S-SSNCHGIN. ELECT IN-239. ASSIGN TO UT-240C-S-SSNCHGIN. ELECT OUT-239. ASSIGN TO UT-240C-S-SSNCHOUT. ELECT ERR-OUT. ASSIGN TO UR-1403-S-ERRMESSG. JECT	10	SPECIAL-NAMES.			000000110	
- OUTPUT SECTION. CONTROL. ELECT EOJ-DISPLAY. ASSIGN TO UR-1403-S-SYSPRINT. ELECT IN-239. ASSIGN TO UT-2400-S-SSNCHGIN. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT ERR-OUT. ASSIGN TO UR-1403-S-ERRMESSG. JECT	=	15			00000120	
ELECT EOJ-DISPLAY, ASSIGN TO UR-1403-S-SYSPRINT. ELECT IN-239. ASSIGN TO UT-2400-S-SSNCHGIN. ELECT DUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT ERR-OUT, ASSIGN TO UR-1403-S-ERRMESSG. JECT	12				000000130	
ELECT EOJ-DISPLAY, ASSIGN TO UT-240G-S-SSNCHGIN. ELECT IN-239. ASSIGN TO UT-240G-S-SSNCHGIN. ELECT DUT-239. ASSIGN TO UT-240G-S-SSNCHGUT. ELECT ERR-OUT. ASSIGN TO UR-1403-S-ERRMESSG. JECT JECT	13	FILE-CONTROL.			00000140	
ELECT IN-239. ASSIGN TO UT-2400-S-SSNCHGIN. ELECT OUT-239. ASSIGN TO UT-2400-S-SSNCHOUT. ELECT ERR-OUT. ASSIGN TO UR-1403-S-ERRMESSG. JECT	14	W				
ELECT OUT-239. ASSIGN TO UT-2400-5-SSNCHOUT. ELECT ERR-OUT. ASSIGN TO UR-1403-S-ERRMESSG. JECT	15	-				
ELECT ERR-OUT, ASSIGN TO UR-1403-S-ERRMESSG. Ject	16					
JECT	17					
		EJECT			06100000	
	18				00000000	
DIVISION.	19	DATA DIVISION.			00000010	

08/20/7/	INPUT LISTING		AUTOFLOW CHART SET - SRS	EXTRACT EDIT PAIRED 239 STA
CARD NO	••••		CORTENTS	•
20	FILE SECTION.	ON.		00000000
21	FD 1N-239			00000230
22	BLOCK	CONTAINS O		00000240
23	RECORD C	ECORD CONTAINS 240		00000250
24	IABEL F	RECORDS STANDARD.		00000260
25	01 IN-REC.			00000210
25	-1hC 1RS01080			0000000
26	02	02 TRS01080.		
27	00015	03 100	PIC XX.	
28	00016	03 DO-ACTION	PIC 5916) COMP-3	
29	00017	03 P-FLAG	PIC X.	
30	00018	D3 LEN-O-ENL	PIC X.	
5	01000	03 RACE	PIC X.	
32	00020	03 SEX	P1C X.	
53	00021	03 MID	PIC X(10).	
42	00022	03 INITS	PIC XXX.	
5.	00023	03 DUTY-LMT	PIC XXX.	
95	00024	03 PRES-SP-GRD	PIC X.	
5	00025	03 PROF-PAY	PIC X.	
85	00026	03 CON-LEG-AGR	PIC X.	•
63	00027	03 FILLER	PIC X.	
40	00028	03 PRES-GRD	PIC XXX.	
41	00020	03 PRES-DOR	PIC 59(6) COMP-3.	

00030 00031 03 0-DL 00032 00033 03 0-PP 000033 00034 003 PREV-GR-ST 000036 00037 000037 000037 000039 000039 000040 000040 000041 000041 000041 000041 000041 000041 000042 003 EAS-PLAN 000042 000043 003 EAS-PLAN 000043 000044 003 EAS-PLAN 000044 003 EAS-PLAN 000045 000046 000047 003 PREV-GO 000048 003 PREV-GO 000049 003 PREV-GO 000049 003 PRES-NCC 000049 000051 000051 003 CUR-SORS-ENT	8/20/17	INPUT LISTING		AUTOFLOW CHART SET " SRS	EXTRACT EDIT PAIRED 239 STA
00030 0.0L 00031 03 PREV-GR-ST 00033 0.PP 00033 03 0-PP 00034 03 PREV-GO 00035 03 PREV-GO 00036 03 PREV-GO 00037 03 PREV-GO 00039 03 PREV-GO 00040 03 EAS-PLAN 00041 03 PRES-CORE 00043 03 EAS-ACTUAL 00044 03 PRES-CORE 00045 03 PRO-ENL-UND 00046 03 PRES-RCC 00049 03 PRES-RCC 00050 03 CORP-SORS-ENT	CARD NO	•••		CONTENTS	•
00031 03 PREV-GR-ST 00032 03 0-PP 00033 03 0-CLA 00035 03 PREV-GD 00036 03 PREV-DOR 00037 03 PREV-DOR 00049 03 EAS-PLAN 00042 03 EAS-ACTUAL 00042 03 EAS-ACTUAL 00043 03 PRED 00044 03 PRED 00045 03 PRES-RUC 00046 03 PRES-RUC 00049 03 PRES-RUC 00050 03 PRES-RUC 00051 03 COMP-CODE 00051 03 COMP-CODE	42	00000	03	PIC XXX.	
00032 03 0-PP 00033 03 0-CLA 00034 03 FILLER 00035 03 PREV-GD 00037 03 PREV-DOR 00039 03 PANOS 00040 03 EAS-PLAN 00042 03 EAS-PLAN 00043 03 EAS-PLAN 00044 03 PEBD 00045 03 PEBD 00046 03 PAT-CTB 00047 03 PRES-RUC 00048 03 PRES-RUC 00049 03 PRES-RUC 00050 03 LEAVE-DUE 00050 03 LEAVE-DUE 00051 03 COMP-SORS-ENT 00052 03 COMP-SORS-ENT	43	00031	03	PIC X.	
00033 03 0.CLA 00034 03 FILLER 00035 03 PREV-GD 00037 03 PROS 00039 03 EAS-PLAN 00040 03 EAS-PLAN 00042 03 EAS-ACTUAL 00042 03 PEBD 00043 03 PEBD 00045 03 PAT-CTB 00046 03 PRO-ENL-UND 00048 03 PRES-RUC 00049 03 PRES-RUC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00051 03 CORP-SORS-ENT	44	00032	03	PIC X.	
00034 03 F1LLER 00035 03 PREV-GD 00036 03 PREV-DOR 00039 03 FMOS 00040 03 EAS-PLAN 00041 03 EAS-ACTUAL 00042 03 EAS-ACTUAL 00043 03 EAS-ACTUAL 00044 03 EAS-ACTUAL 00045 03 PRES-RUC 00046 03 PRES-RUC 00048 03 PRES-RUC 00049 03 PRES-RUC 00050 03 PRES-RUC 00050 03 PRES-RUC 00050 03 CUR-SORS-ENT 00051 03 COMP-SORS-ENT 00052 03 COMP-SORS-ENT	45	00033	03	PIC X.	
00035 03 PREV-GD 00036 03 PREV-DOR 00037 03 0-PMOS 00038 03 PMOS 00040 03 EAS-PLAN 00041 03 EAS-ACTUAL 00042 03 DO-BIRTH 00043 03 PEBD 00046 03 PCMP-SCORE 00045 03 FILLER 00046 03 PRO-ENL-UND 00049 03 PRES-RUC 00048 03 PRES-RUC 00050 03 PRES-RUC 00050 03 PRES-RUC 00050 03 LEAVE-DUE 00051 03 COMP-SORS-ENT 00052 03 COMP-SORS-ENT 00052 03 COMP-SORS-ENT	46	00034	03	PIC X.	
00035 03 PREV-DOR 00038 03 O-PMOS 000039 03 EAS-PLAN 000040 03 EAS-ACTUAL 000041 03 PEBD 000045 03 PRES-RUC 000045 03 PRES-RUC 000049 03 PRES-RUC 000050 03 LEAVE-DUE 000051 03 COMP-SORS-ENT	43	00035	03	PIC XXX.	
00038 03 0-PMOS 00039 03 EAS-PLAN 00040 03 EAS-PLAN 00041 03 EAS-ACTUAL 00042 03 DO-BIRTH 00043 03 PEBD 00046 03 FILLER 00045 03 FILLER 00046 03 PRO-ENL-UND 00048 03 PRES-RUC 00050 03 PRES-RUC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	48	95000	03	PIC 59(6) COMP-3.	
0003B 03 EAS-PLAN 00040 03 EAS-ACTUAL 00041 03 DO-BIRTH 00042 03 PEBD 00043 03 FILLER 00045 03 FILLER 00045 03 PRO-ENL-UND 00045 03 PRES-RUC 00048 03 PRES-RUC 00050 03 PRES-RUC 00050 03 PRES-RUC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	49	. 00037	03	PIC XXXX.	
00039 03 EAS-PLAN 00040 03 EAS-ACTUAL 00042 03 DO-BIRTH 00043 03 COMP-SCORE 00046 03 FILLER 00045 03 PRO-ENL-UND 00046 03 PRES-RUC 00048 03 PRES-RUC 00050 03 PRES-RUC 00050 03 PRES-RUC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	20	95000	03	PIC XXXX.	
00040 03 EAS-ACTUAL 00041 03 DO-BIRTH 00042 03 PEBD 00043 03 CCMP-SCORE 00045 03 FILLER 00045 03 PRO-ENL-UND 00040 03 PRES-RUC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT	51	00039	03	PIC X16). '	
00041 03 DO-BIRTH 00042 03 PEBD 00043 03 CCMP-SCORE 00046 03 FILLER 00045 03 DAT-CTB 00046 03 PRO-ENL-UND 00048 03 PRES-RUC 00050 03 PRES-RUC 00050 03 PRES-RUC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	52	00040	03	PIC X(6).	
00042 03 PEBD 00043 03 CCMP-SCORE 000045 03 FILLER 000045 03 PRO-ENL-UND 000049 03 PRES-RUC 000050 03 LEAVE-DUE 000051 03 CUR-SORS-ENT	53	00041	03	PIC 59161 COMP-3.	
00043 03 COMP-SCORE 00045 03 FILLER 00045 03 DAT-CTB 00046 03 PRO-ENL-UND 00048 03 PRES-RUC 00049 03 PRES-RUC 00050 03 PRES-RUC 00050 03 PRES-RUC 00051 03 LEAVE-DUE 00052 03 CUR-SORS-ENT 00053 03 CUR-SORS-ENT 00054 03 COMP-CODE	54	00042	03	PJC 59(6) COMP-3.	
00044 03 FILLER 00045 03 DAT-CTB 00045 03 PRO-ENL-UND 00048 03 PRES-RUC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT	55	00043	03	PIC 59(5) COMP-3.	
00045 03 DAT-CTB 00046 03 PRO-ENL-UND 00048 03 PRES-RUC 00049 03 PRES-RUC 00050 03 PRES-NCC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	95	00044	03	PIC X.	
00045 03 PRO-ENL-UND 00047 03 DMOS 00048 03 PRES-RUC 00049 03 PRES-MCC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	57	00045	03	PIC 59(6) COMP-3.	
00048 03 PRES-RUC 00049 03 PRES-MCC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 CUR-SORS-ENT	58	00046	03	PIC X.	
00048 03 PRES-RUC 00049 03 PRES-MCC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	. 59	00047	03	PIC XXXX.	
00050 03 PRES-MCC 00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	09	00048	03	P1C X(S).	
00050 03 LEAVE-DUE 00051 03 CUR-SORS-ENT 00052 03 COMP-CODE	. 61	00049	03	PIC XXX.	
03 CUR-SORS-ENT 03 COMP-CODE	62	000020	03	P1C 59(3) COMP-3.	
D3 COMP-CODE	63	00051	03	PIC XXXX.	
	64	00052	63	PIC XXX.	

08/20	INPUT LISTING			AUTOFLOW CHART SET - SRS EXTRACT	EDIT PAIRED 239 STA
CARD NO			3	CONTENTS	
99	00053	63	0-CMP-CD	PIC XXX.	
99	00054	93	NO-DEP	PIC 59121 COMP-3.	
19	95000	03	SEP-CODE	PIC XXX.	
. 89	00000	8	C.D.CDE	PIC X.	
69	00057	63	CIV-ED-YRS	PIC XX.	
70	000058	03	CIV-ED-LVL	PIC X.	
11	95000	03	FORM-MCC	PIC KKK.	
72	09000	03	COMBAT - SERV	PIC XX.	
73	19000	83	HOME - CITY	PIC XXXX.	
7.	00062	93	HOME - STATE	PIC XX.	
75	00063	60	STRENGTH-CAT	PIC X.	
76	00064	03	AFAD-8D	PIC 59(6) COMP-3.	
	9000	83	CAREER-FLG	PIC X.	
78	29000	83	VRB-M	PIC X.	
79	00067	03	VR8.P	PIC X.	
80	89000	03	C11.ST	PIC XX.	
18	69000	63	0w-9n	PIC XXX.	
82	00000	03	FILLER	PIC X.	
83	12000	03	CUR-01Y-ST	PIC X.	
84	. 00072	63	CASUALTY-ST	PIC X.	
- 85	60000	03	UD-REC-ST	PIC X.	
98	00074	03	L-NAME	PIC X(20).	
87	00075	03	MSN	PIC X(10).	

INPUT LISTING 03 AQT-FLG 000099	AUTOFLOW CHART SET - SRS EXTRACT EDIT PAIRED 239 STA	CONTENTS	LG PIC X.	·IND PIC XX.	R PIC XX.	TYPE-LV-SETT PIC X.	DATE PIC 59(6) COMP-3,	C-NO PIC XXY.	00000580	00000000	0100000	00000320	31	STANDARD. 00000340	090000	PIC x(10).	PIC X(10).	PIC \$9(6) COMP-3. D0000380	PIC \$9(6) CUMP-3.	PIC XXX. 00000400	00000410	00000420	00000430	ARE OMITTED 00000440
	INPUT LISTING		03	03	60	03	83	60	EJECT			CONTAINS		RECORDS						SSNINITS	EJECT			

- 65 -

EDIT PAIRED 239 STA																								
EXTRACT EDIT PA	•	00000460	000000410	00000480	000000480	000000000	000000210	000000200	000000230	00000540	000000220	00000260	00000210	00000280	06500000	00900000	0000000	00000000	0000000	00000640	00000000	09900000	000000670	0000000
AUTOFLOW CHART SET . SRS	5.											COMP-3.	COMP-3.	COMP-3.					COMP-3.	COMP-3.		SPACES.	SPACES.	SPACES.
AUTO	CONTENTS		PIC X(133).			ARE OMITTED	1S F.		PIC X(133).		SECTION.	PIC 59(6)	PIC S9(6)	PIC \$9(6)	PIC S9.	P1C S9.	PIC 89.	PIC X(20).	PIC S9(6)	(9)6S 21d		PIC X(51) VALUE S	PIC X(30) VALUE S	PIC X(52) VALUE S
		EOJ-DISPLAY-REC.	03 FILLER		ERR-OUT .	LABEL RECORDS ARE	RECORDING MODE	ERR-OUT-REC.	03 FILLER		NG-STORAGE	IN-CTR	OUT-CIR	ERR-CTR	ABEND - SWITCH	ERROR - CODE	ERROR-INIT	OLD-NAME	01D-00B	01p-00-4CT10N	TOP-LINES.	03 FILLER PIC	03 TOP-INFO PIC	03 FILLER PIC
INPUT LISTING	•	6		•	FO			10		•	WORKI	"	. 77	11	11	77	77	10	010	10	. 01			
08/20/77	CARD NO	132	153	2	135	156	157	158	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154

SPACES. SPACES. SPACES. SPACES. VALUE SPACES. VALUE SPACES. VALUE SPACES.

CADO NO	:::				CONTENTS	912	
200						0	
178		0	02 FILLER	PIC		X(32) VALUE SPACES.	0600000
179		10	HEADER-LINE	L.			02600000
180		03	FILLER	PIC X(28)	VALUE	VALUE SPACES.	00000340
181		02	FILLER	PIC X(4)	VALUE	VALUE MATEL	09600000
182		05	FILLER	PIC X(22)	VALUE	VALUE SPACES.	09600000
183		02	FILLER	PIC X(3)	VALUE	VALUE 'MID'.	00000000
184		05	FILLER	PIC X(8)	VALUE	VALUE SPACES.	08600000
185		02	FILLER	PIC X(3)	VALUE	VALUE 'TCC'.	06600000
186		05	FILLER	PIC X(6)	VALUE	VALUE SPACES.	000010000
187		02	FILLER	PIC X(6)	VALUE 'TTC	.116 '.	00001010
188		03	02 FILLER	PIC X(12)	VALUE	VALUE 'REC STATUS '.	000010000
189		8	02 FILLER	PIC X(14)	VALUE	VALUE 'DATE OF ACTION'.	00001030
190		0	02 FILLER	PIC X(27)	VALUE	SPACES.	00001040
		ú	EJECT				00001050
161		10	WORK - IN-239	•			00001000
191	-114	TRS01080	980				00001010
192			05	02 TRS01080.			
193	00015		03	03 TCC	ä	P1C XX.	
194	91000		03	03 DO-ACTION	Id	PIC 59(6) COMP-3.	
195	00017		03	P-FLAG	Id	P1C X.	
196	91000		03	03 LEN-0-ENL	14	PIC X.	
197	000019		03	RACE	l d	PIC X.	

S EXTRACT EDIT PAIRED 239 STA	•																			٠				•
AUTOFLOW CHART SET . SRS	CONTENTS	FILLER PIC X.	DAT-CTB PIC 59/6) COMP-3.	PRO-ENL-UND PIC X.	DMOS PIC XXXX.	PRES-RUC PIC X(5).	PRES-MCC PIC XXX.	LEAVE-DUE PIC 59(3) COMP-3.	CUR-SORS-ENT PIC XXXX.	COMP-CODE PIC XXX.	O-CMP-CD PIC XXX.	NO-DEP PIC 59(2) COMP-3.	SEP-CODE PIC XXX.	C-D-CDE PIC X.	CIV-ED-YRS PIC XX.	CIV-ED-LVL PIC X.	FORM-MCC PIC XXX.	COMBAT-SERV PIC XX.	HOME-CITY PIÇ XXXX.	HOME-STATE PIC XX.	STRENGTH-CAT PIC X.	AFAD-BD PIC 59(6) COMP-3.	CAREER-FLG PIC X.	VRB-M PIC X.
INPUT LISTING	•	00044 03	00045 03	000045 03	000047 03	00048 03	000049 03	000050 03	00051 03	00052 03	000053 03	00054 03	00055 03	00056	00057 03	00058 03	000059 03	09000	00061 03	00062 03	00063 03	00064 03	00065 03	00000
08/20/77	CARD NO	222	223	224	225	226	227	228	229	250	25.1	252	253	25.4	255	25.6	257	2.8	209	240	241	242	243	244

S EXTRACT EDIT PAIRED 239 STA	•••																00001080	06010000	00001100	00001110	00001120	00001130	00001140	00001150
AUTOFLOW CHART SET . SRS	CONTENTS	FILLER PIC X.	EXTS- IND PIC XX.	MARITAL-STAT PIC X.	LAST-EXT-IND PIC XX.	PIC xxx.	GT-GCT-SC0 PIC S9(3) COMP-3.	TY-TST-FLG PIC X.	AFOT-AQ1-FRM PIC XX.	AFQT-AQT-SCO PIC XX.	AOT-FLG PIC X.	REEWL-IND PIC XX.	FILLER PIC XX.	TYPE-LV-SETT PIC X.	MC-C-DATE PIC 5916) COMP-3.	KC-CYC-NO PIC XXX.				ROUTINE THRU OPEN-ROUTINE-END.		AT END PERFORM EOJ-ROUTINE.	PERFORM SEO-CHEK THRU SEO-CHEK-END.	TO WORK-IN-239.
INPUT LISTING	•	00000	00091 03 EXT	00092 03 MAR	000043 03 LAS	00094 03 110	00095 03 GT	000096 03 TY-	00097 03 AFC	000098 03 AFQ	00099 03 401	00100 03 REE	00101 03 FIL	00102 03 17P	00103 03 KC-	00104 03 KC-	EJECT	•	PROCEDURE DIVISION.	PERFORM OPEN-ROUTINE THRU	READ-REC-ONE.	READ IN-239, AT	PERFORM SEO-CH	MOVE IN-REC I
08/20/77	CARD NO	268	269	270	27.1	272	273	274	275	276	277	278	279	087	281	282		283	284	285	286	287	288	289

EXTRACT EDIT PAIRED 239 STA		9	9	Q	Q	0	0	0.	01	0,	0	0.	9	01	0	9	0	0	01	01	0	Q	0.	9
EXTRACT E		00001160	00001170	00001180	00001190	00001200	00001210	00001220	00001230	00001240	00001250	00001560	00001270	00001280	00001290	00001300	00001310	EC.0000132	00001330	00001340	00001350	00001360	00001370	. 00001380
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	READ-REG-TWO.	READ IN-239, AT END PERFORM ERR-MESS-OUT	THRU ERR-MESS-OUT-END	PERFORM ECU-ROUTINE.	PERFORM SEQ-CHEK THRU SEQ-CHEK-END.	IF (L-NAME OF IN-REC = L-NAME OF WORK-IN-239) AND	(DO-BIRTH OF IN-REC = DO-BIRTH OF WORK-IN-239)	THEN PERFORM OUT-PAIR THRU OUT-PAIR-END	GO TO READ-REC-ONE	ELSE PERFORM ERR-MESS-OUT THRU ERR-MESS-OUT-END.	GO TO READ-REC-TWO.	SEO-CHEK.	ADD 1 TO IN-CIR.	IF L-NAME OF IN-REC > OLD-NAME GO TO NAME-OK.	IF L-NAME OF IN-REC < OLD-NAME	THEN MOVE 1 TO ABEND-SWITCH	DISPLAY 'NAME SEQUENCE ERROR'. L-NAME OF IN-REC. 00001320	7 MID = TID OF IN-REC	PERFORM EOU-ROUTINE.	IF DO-BIRTH OF IN-REC > OLD-DOB GO TO NAME-OK.	IF DO-BIRTH OF IN-REC < 010-DOB	THEN MOVE 1 TO ABEND-SWITCH	DISPLAY 'DATE OF BIRTH SEQUENCE ERRORNAME IS '.
INPU																								
08/20/	CARD NO	290	291	292	293	294	295	296	297	298	299	300	1 301	73	303	304	305	306	307	308	309	310	311	312

CARD NO	CONTENTS	
313	L-NAME OF IN-REC.	00001390
314	" MID = ", MID OF IN-REC	00001400
315	PERFORM EOJ-ROUTINE.	00001410
316	IF DO-ACTION OF IN-REC > OLD-DO-ACTION GO TO N	NAME-CK. 0000 1420
317	IF DO-ACTION OF IN-REC < OLD-DO-ACTION	00001430
318	THEN MOVE 1 TO ABEND-SWITCH	00001440
319	DISPLAY 'DATE OF ACTION SEQUENCE ERROR NAME IS	15 '. 00001450
320	L-NAME OF IN-REC.	00001460
321	MID = ", MID OF IN-REC	00001470
322	PERFORM EOJ-ROUTINE.	00001480
323	NAME - OK.	00001490
324	MOVE L-NAME OF IN-REC TO OLD-NAME.	00001500
325	MOVE DO-BIRTH OF IN-REC TO OLD-DOB.	00001510
326	MOVE DO-ACTION OF IN-REC TO OLD-DO-ACTION.	00001520
327	SEQ-CHEK-END. EXIT.	00001530
	EJECT	00001540
328	OUT-PAIR.	00001550
.329	IF (TCC OF WORK-IN-239 = 'R1' ; AND	00001560
370	(TCC OF IN-REC . AND GO TO NORM-OUT.	00001570
35.1	MOVE MID OF IN-REC TO FROM-SSM.	00001580
377	MOVE DO-ACTION OF IN-REC TO FROM-DATE.	00001230
353	MOVE MID OF WORK-IN-239 TO TO-55N.	00001600
3.4	STAGE OF OF SCHILLY SOME SO MOTION OF SHOW	0.5.0000

08/20	INPUT LISTING AUTOFLOW CHART SET -	SRS EX	EXTRACT EDIT PAIRED 239 STA
CARD NO	CONTENTS		
325	GO TO UP-YOUR-COUNTER.		00001620
356	NOFM-OUT.		00001630
307	MOVE MID OF WORK-IN-239 TO FROM-SSN.		00001640
358	MOVE DO-ACTION OF WORK-IN-239 TO FROM-DATE		00001650
309	MOVE MID OF IN-REC TO 10-55N.		09910000
340	MOVE DO-ACTION OF IN-REC TO TO-DATE.		00001670
341	UP-YOUR-COUNTER.		00001680
342	MOVE INITS OF IN-REC TO SSNINITS.		00001690
343	ADD 1 TO OUT-CTR.		00001100
344	WRITE OUT-REC.		00001710
345	OUT-PAIR-END. EXIT.		00001720
346	ERR-MESS-OUT.		00001730
347	ADD 1 TO ERR-CTR.		00001740
348	IF ERR-CTR < 5 THEN		00001750
349	DISPLAY 'ERROR ROUTINE ENCOUNTERED'.		00001760
350	IF EPROR-INIT = ZERO		00001770
351	THEN MOVE 1 TO EPROR-INIT		00001780
352	MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO	INFO	00001790
353	WRITE ERR-OUT-REC FROM TOP-LINES AFTER ADVANCING	DVANCING	00001800
354		TO-NEW-PAGE	00001810
355	MOVE 'EDIT PAIRED SSN CHANGE RECORDS' TO TOP-INFO	INFO	00001820
356	WRITE ERR-OUT-REC FROM TOP-LINES AFTER		00001830
357		2 LINES	00001840
The second second			

COMPTENS				
MOVE 'ERROR REPORT-UNMAICHED RECCEDS' 10 TOP-INFO WRITE ERR-CUT-REC FROM TOP-LINES AFTER 2 LINES MOVE CURRENT-DATE TO CUR-DAT MOVE DATE-LINE TO TOP-INFO WRITE ERR-CUT-REC FROM HEADER-LINE AFTER 5 LINES. MOVE L-NAME OF WORK-IN-239 TO D-L-NAME. MOVE UD-REC-ST OF WORK-IN-239 TO D-L-NEID. MOVE UD-REC-ST OF WORK-IN-239 TO D-L-NEID. MOVE UD-REC-ST OF WORK-IN-239 TO D-L-NECSTAT. MOVE DO-ACTION OF WORK-IN-239 TO D-L-DACT. AFTER 2 TIMES. OPEN-RESS-OUT-END. EXIT. OPEN-ROUTINE. OPEN IN-PUT IN-239. EOU-DISPLAY, ERR-OUT.	CARD NO	•	CONTENTS	•
### ERR-CUT-REC FROM TOP-LINES AFTER 2 LIMES ###################################	358			00001820
2 LINES MOVE CURRENT-DATE TO CUR-DAT MOVE DATE-LINE TO 10P-INFO WRITE ERR-OUT-REC FROM HEADER-LINE AFTER 5 LINES. MOVE L-NAME MOVE MID 0F WORK-IN-239 TO D-L-NAWE. MOVE TCC 0F WORK-IN-239 TO D-L-NAWE. MOVE UD-REC-ST 0F WORK-IN-239 TO D-L-HECSTAT. MOVE UD-REC-ST 0F WORK-IN-239 TO D-L-HECSTAT. MOVE DO-ACTION 0F WORK-IN-239 TO D-L-HECSTAT. MOVE IN-REC TO WORK-IN-239 TO D-L-HECSTAT. MOVE NO-ACTION 0F WORK-IN-239 TO D-L-HECSTAT. MOVE NO-ACTION 0F WORK-IN-239 TO D-L-HECSTAT. MOVE NO-C-ST 0F WORK-IN-239 TO D-L-HECSTAT. AFTER 2 LINES. OPEN-ROUTINE. OPEN-ROUTINE. OPEN-ROUTINE. OPEN-ROUTINE.	359		FROM TOP-LINES	00001860
MOVE CURRENT-DATE TO CUR-DAT MOVE DATE-LINE TO 10P-INFO 2 LINES WRITE ERR-OUT-REC FROM HEADER-LINE AFTER AFTER AFTER S LINES. MOVE L-NAME OF WORK-IN-239 TO D-L-NAWE. MOVE TC MOVE TRANCTILLINE AFTER 2 LINES. OPEN-ROUTINE.	360			00001870
MARITE ERR-OUT-REC FROM TOP-LINES AFTER ADVANCING WRITE ERR-OUT-REC FROM HEADER-LINE AFTER AFTER AFTER AFTER AFTER AFTER S LINES. MOVE L-NAME OF WORK-IN-239 TO D-L-NAME. MOVE TCC OF WORK-IN-239 TO D-L-NAME. MOVE UD-REC-ST OF WORK-IN-239 TO D-L-NAME. MOVE UD-REC-ST OF WORK-IN-239 TO D-L-NAME. AFTER S LINES. ANOVE UD-REC-ST OF WORK-IN-239 TO D-L-DACT. MATTE ERR-OUT-REC FROM DETAIL-LINE AFTER AFTER S LINES. OPEN-ROUTINE. 2 LINES. OPEN-ROUTINE. OPEN-ROUTINE.	361		TO CUR-D4T	00001880
MRITE ERR-OUT-REC FROM HEADER-LINE AFTER AFTER AFTER BOVE L-NAME MOVE TCC AFTER 2 LINES. COPEN-ROUTINE. 2 LINES. OPEN-ROUTINE.	362		0 TOP-1NFO	00001890
## LINES. ### AFTER #### AFTER ##### AFTER ##### AFTER ###################################	363		FROM TOP-LINES AFTER	000010000
MOVE L-NAME OF WORK-IN-239 TO D-L-NAME. MOVE MID MOVE TCC MOVE TCC MOVE TCC MOVE TCC MOVE TCC MOVE TCC OF WORK-IN-239 TO D-L-NID. MOVE TCC MOVE TCC OF WORK-IN-239 TO D-L-NIC. MOVE TCC OF WORK-IN-239 TO D-L-NIC. MOVE TCC MOVE TCC MOVE TCC MOVE TCC MOVE TTC MOVE TCC MOVE TTC MOVE TCC MOVE TTC MOVE TTC MOVE TCC APTER AFTER AFTER OPEN-ROUTINE. OPEN INPUT IN-239. OPEN INPUT IN-239. ERR-OUT-239. OPEN INPUT OUT-239. ERR-OUT-239. OPEN INPUT OUT-239. ERR-OUT-239. OPEN INPUT OUT-239. ERR-OUT-239. OPEN INPUT OUT-239. ERR-OUT-239. OPEN OUT-239. ERR-OUT-	364			00001910
### S LINES. ### MOVE L-NAME ### OF WORK-IN-239 TO D-L-NAME. ### MOVE TCC ### MOVE UD-REC-ST ### AF TER ### AF T	365			00001920
MOVE MID MOVE MID MOVE MID MOVE TCC MOVE TN-REC TO WORK-IN-239 ERR-MESS-OUT-END. EXIT. OPEN TRPUT IN-239. OPEN TRPUT IN-239. EOU-DISPLAY. ERR-OUT.	366		s	
MOVE TCC OF WORK-IN-239 TO D-L-MID. MOVE TCC OF WORK-IN-239 TO D-L-TCC. MOVE UD-REC-ST OF WORK-IN-239 TO D-L-TCC. MOVE DO-ACTION OF WORK-IN-239 TO D-L-BACT. WRITE ERR-OUT-REC FROM DETAIL-LINE AFTER AFTER OPEN-ROUTINE. OPEN-ROUTINE. OPEN INPUT IN-239. OPEN OUTPUT OUT-239. EOU-DISPLAY. ERR-OUT.	367		0	00001940
MOVE TCC MOVE TIC MOVE TIC OF WORK-IN-239 TO D-L-TCC. MOVE UD-REC-ST OF WORK-IN-239 TO D-L-RECSTAT. MOVE DO-ACTION OF WORK-IN-239 TO D-L-BACT. WRITE ERR-OUT-REC FROM DETAIL-LINE AFTER AFTER OPEN-ROUTINE. OPEN-ROUTINE. OPEN-ROUTINE. OPEN ONFUT IN-239. EOJ-DISPLAY. ERR-OUT.	368			00001950
MOVE UD-REC-ST OF WORK-IN-239 TO D-L-TTC. MOVE DO-ACTION OF WORK-IN-239 TO D-L-BACT. WRITE ERR-OUT-REC FROM DETAIL-LINE AFTER 2 LINES. MOVE IN-REC TO WORK-IN-239 ERR-MESS-OUT-END. EXIT. OPEN-ROUTINE. OPEN INPUT IN-239. EOJ-DISPLAY. ERR-OUT.	369		0	09610000
MOVE UD-REC-ST OF WORK-IN-239 TO D-L-RECSTAT. MOVE DO-ACTION OF WORK-IN-239 TO D-L-DACT. WRITE ERR-OUT-REC FROM DETAIL-LINE AFTER AFTER 2 LINES. MOVE IN-REC TO WORK-IN-239 ERR-MESS-OUT-END. EXIT. OPEN-ROUTINE. OPEN INPUT IN-239. EOU-DISPLAY. ERR-OUT.	370			00001970
MOVE DO-ACTION OF WORK-IN-239 TO D-L-DACT. WRITE ERR-OUT-REC FROM DETAIL-LINE AFTER AFTER ROVE IN-REC TO WORK-IN-239 ERR-MESS-OUT-END. EXIT. OPEN-ROUTINE. OPEN INPUT IN-239. EOU-DISPLAY. ERR-OUT.	371			00001980
MRITE ERR-OUT-REC FROM DETAIL-LINE AFTER AFTER 2 LINES. MOVE IN-REC TO WORK-IN-239 ERR-MESS-OUT-END. EXIT. OPEN-ROUTINE. OPEN-ROUTINE. OPEN INPUT IN-239. EOU-DISPLAY. ERR-OUT.	372			00001990
AFTER MOVE IN-REC TO WORK-IN-239 ERR-MESS-OUT-END. EXIT. OPEN-ROUTINE. OPEN INPUT IN-239. OPEN OUTPUT OUI-239. EOJ-DISPLAY. ERR-OUT.	373			00002000
MOVE IN-REC TO WORK-IN-239 ERR-MESS-OUT-END. EXIT. OPEN-ROUTINE. OPEN INPUT IN-239. OPEN OUTPUT OUT-239. EOU-DISPLAY. ERR-OUT.	374		2	00002010
OPEN-ROUTINE. OPEN INPUT IN-239. OPEN OUTPUT OUT-239. EOU-DISPLAY. ERR-OUT.	375	IN-REC	WORK-IN-239	00002000
OPEN-ROUTINE. OPEN INPUT IN-239. OPEN OUTPUT OUT-239. EOJ-DISPLAY. ERR-OUT.	376			00005030
OPEN-ROUTINE. OPEN INPUT IN-239. OPEN OUTPUT OUT-239. EOJ-DISPLAY. ERR-OUT.	377			00002040
OPEN INPUT IN-239. OPEN OUTPUT OUT-239. EOJ-DISPLAY. ERR-OUT.	378	OPEN-ROUTINE.		00002050
OPEN OUTPUT OUT-239. EOJ-DISPLAY. ERR-OUT.	379	INPUT	9.	00002060
	380	DUTPUT		00002010

284 MOVE ZERO TO INTCIR. ERR-CTG. CCC02000 383 MOVE ZERO TO ABEND-SMITCH. ERR-CTG. CCC02000 384 MOVE ZERO TO ABEND-SMITCH. ERROR-INIT. CCC02000 385 MOVE LON-VALUES TO OLD-NAME. CCC02010 386 MOVE LON-VALUES TO OLD-NAME. CCC02010 386 MOVE COLD-NAME. CCC02010 387 CCO-ROUTINE-END. EAIT. CCC02010 388 MOVE STATISTICAL RETRIEVAL SYSTEM TO TOP-INFO. CCC02100 389 MOVE STATISTICAL RETRIEVAL SYSTEM TO TOP-INFO. CCC020100 390 MOVE STATISTICAL RETRIEVAL SYSTEM TO TOP-INFO. CCC020100 391 MOVE STATISTICAL RETRIEVAL SYSTEM TO TOP-INFO. CCC020100 392 MOVE CURRENT-DATE FROM TOP-LINES AFTER ADVANCING CCC020200 393 MOVE DATE-LINE TO CUR-DAT. CCC020200 395 MOVE DATE-LINE TO TOP-LINES AFTER ADVANCING CCC020200 396 MOVE DATE-LINE TO TOP-LINES AFTER ADVANCING CCC020200 397 MOVE DATE-LINE TO TOP-LINES AFTER ADVANCING CCC020200 398 MOVE DATE-LINE TO TOP-LINES AFTER ADVANCING CCC020200 399 MOVE DATE-LINE TO TOP-LINES AFTER ADVANCING CCC020200 399 MOVE DATE-LINE TO TOP-LINES AFTER ADVANCING CCC020200 399 MOVE DATE-LINE TO TOP-LINES AFTER COCC020200 399 MOVE DATE-LINE CCCC020200 399 MOVE TOP-LINES AFTER COCC020200 399 MOVE TOP-LINES AFTER CCC020200 399 MOVE TOP-LI	08/20	INPUT LISTING AUTOFICW CHART SET . SRS	EXTRACT EDIT PAIRED 239 ST	0 239
MOVE ZERO TO IN-CTR. OUT-CTR. ERR-CTG. MOVE LOW-VALUES TO OLD-DAME. MOVE ZERO TO OLD-DOB. OLD-DC-ACTION. OPEN-ROUTINE. EOJ-ROUTINE. DISPLAY 'END OF JOB ENCOUNTERED'. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE OURRALL BATE TO CUR-DAT. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SMITCH = 0 THEN MOVE 'TOP-INFO' TOP-INFO' WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SMITCH = 0 THEN MOVE 'TOP-INFO' TOP-LINES AFTER ADVANCING S LINES.	CARD NO	CONTENTS	:	
MOVE LOW-VALUES TO OLD-NAME. MOVE ZERO TO OLD-DOB. OLD-CO-ACTION. OPEN-ROUTINE-END. EXIT. EOJ-ROUTINE. DISPLAY 'END OF JOB ENCOUNTERED'. MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 2 LINES. MOVE CURRENT-DATE TO CUR-DAT. MOVE CURRENT-DATE TO CUR-DAT. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SWITCH = 0 THEN MOVE 'TOP-INFO STATER ADVANCING STIRER ADVANCING STATER S LINES 1 DP-INFO BRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING STIRER ADVANCING STATER S LINES	381	ZERO TO IN-CTR. OUT-CTR.	00005080	
MOVE ZERO TO OLD-DOB. OLD-CCTION. CPEN-ROUTINE. EOJ-ROUTINE. DISPLAY 'END OF JOB ENCOU':TERED'. MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING MOVE CURRENT-DATE TO CUR-DAT. MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 2 LINES. MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-LINES AFTER ADVANCING WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 2 DINES. IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE 'S LINES AFTER ADVANCING S LINES AFTER ADVANCING S LINES	382	ZERO TO ABEND-SWITCH.	00002000	
MOVE ZERO TO OLD-DOB. OLD-DO-ACTION. PEN-ROUTINE. BISPLAY 'END OF JOB ENCOUNTERED'. MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFC. WRITE EQJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING MOVE 'EDIT PAIRED SSN CHANGE RECORDS' TO TOP-INFG. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE 'NORMAL END OF JOB 'TO THEN MOVE 'NORMAL END OF JOB 'TO TOP-INFO BRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING S LINES	383	LOW-VALUES TO	00002100	
EOJ-ROUTINE. EOJ-ROUTINE. DISPLAY 'END OF JOB ENCOUNTERED'. MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING IO-NEW-PAGE. MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE 'NORMAL END OF JOB' 'TO THEN MOVE 'NORMAL END OF JOB' 'TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 5 LINES	384	ZERO TO OLD-DOB.	00002110	
EOJ-ROUTINE. DISPLAY 'END OF JOB ENCOUNTERED'. MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING TO-NEW-PAGE. MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-LINES AFTER Z LINES. MOVE DATE-LINE TO TOP-LINES AFTER ADVANCING WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE 'NORMAL END OF JOB 'TO THEN MOVE 'NORMAL END OF JOB 'TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER S LINES.	385		00002120	
DISPLAY 'END OF JOB ENCOU!TERED'. MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING TO-NEW-PAGE. MOVE 'EDIT PAIRED SSN CHANGE RECORDS' TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER Z LINES. MOVE CURRENT-DATE TO CUR-DAT. MOVE CURRENT-DATE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE' NORMAL END OF JOB 'TO THEN MOVE' NORMAL END OF JOB 'TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER S LINES. S LINES.	386		00002130	
DISPLAY 'END OF JOB ENCOUNTERED'. MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFG. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING TO-NEW-PAGE. MOVE 'EDIT PAIRED SSN CHANGE RECORDS' TO TOP-INFG. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 2 LINES. MOVE DATE-LINE TO TOP-INFG. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' SATTER ADVANCING S LINES S LINES	387	. EOJ-ROUTINE.	00002140	
MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING TO-NEW-PAGE. MOVE 'EDIT PAIRED SSN CHANGE RECORDS' TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 2 LINES. MOVE DATE-LINE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 5 LINES	388	'END OF JOB	00002150	
WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING TO-NEW-PAGE. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 2 LINES. MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING THEN MOVE 'NORMAL END OF JOB 'TO THEN MOVE 'NORMAL END OF JOB 'TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING TOP-INFO TOP-INF	389	STATISTICAL RETRIEVAL SYSTEM' TO	00002160	
TO-NEW-PAGE. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 2 LINES. MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SWITCH = 0 THEN MOVE 'NORMAL END OF JOB 'TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING TOP-INFO S LINES	390	EOJ-DISPLAY-REC FROM TOP-LINES AFTER		
MOVE 'EDIT PAIRED SSN CHANGE RECORDS' TO TOP-INFG. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 2 LINES. MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFG. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' NORMAL END OF JOB ' TO TOP-INFG WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING S LINES	391	TO-NEX-P		
MOVE CURRENT-DATE TO CUR-DAT. MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' NORMAL END OF JOB ' TO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 5 LINES	392	'EDIT PAIRED SSN CHANGE RECORDS' TO	00002190	
MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' NORMAL END OF JOB ' TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING S LINES	393	EOU-DISPLAY-REC FROM TOP-LINES	00005200	
MOVE CURRENT-DATE TO CUR-DAT. MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO THEN MOVE ' NORMAL END OF JOB ' TO ADVANCING ADVANCING 5 LINES	394			
MOVE DATE-LINE TO TOP-INFO. WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 5 LINES	395	CURRENT - DATE	00002220	
WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 2 LINES. IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING S LINES	396	DATE-LINE TO	00002230	
IF ABEND-SWITCH = 0 THEN MOVE ' NORMAL END OF JOB ' TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 5 LINES	397	TOP-LINES AFTER		
IF ABEND-SWITCH # 0 THEN MOVE ' NORMAL END OF JOB ' TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING S LINES	398			
THEN MOVE ' NORMAL END OF JOB ' TO TOP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 5 LINES	399	ABEND-SWITCH =	00002260	
TCP-INFO WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 5 LINES	400	MOVE ' NORMAL END OF JOB '	00002270	
WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 5 LINES	401	TCP - INFO	00002280	
ADVANCING 5 LINES	. 402	EOJ-DISPLAY-REC FROM TOP-LINES	00005290	
	403			

CARD NO	•	CONTENTS	•
404	13	ELSE MOVE ' ABLORNAL END " 70	10 00002310
405		TOP-INFO	NFG 00002320
406		WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER	AFTER 00002330
407		ADVANCING	5 LINES 00002340
408		MOVE ' SEQUENCE ERROR '' TO	00002350
409		TOP-INFO	NFC 00002360
410		WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER	AF1ER 00002370
411		ADVANCING	3 LINES. 00002380
412	MOVE	MOVE 'NUMBER OF SSN CHANGE RECORDS READ ' T	RECORDS READ ' TO LOM-INTO 00002390
413	MOVE	IN-CTR TO LOW-NUM.	00002400
414	MRITE	EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING	VANCING 00002410
415			5 LINES. 00002420
416	MOVE	MOVE NUMBER OF SSN CHANGE RECORDS OUTPUT' T	OUTPUT' TO LOW-INFO,00002430
417	MOVE	OUT-CTR TO LOW-NUM.	00002440
418	WRITE.	WRITE EOJ-DISPLAY-REC FROM LOA-LINES AFTER AD	ADVANCING 00002450
419			2 LINES. 00002460
420	MOVE	MOVE 'NUMBER OF SSN ERROR RECORDS QUIPUL' I	OUTPUT' TO LOW-INFO.00002470
421	MOVE	ERR-CTR TO LOW-NUM.	00002480
422	WRITE	EOJ-DISPLAY-REC FROM LOW-LINES AFTER AD	ADVANCING 00002490
423			2 LINES. 00002500
424	35070	IN-239, OUT-239, EOJ-DISPLAY, ERR-OUT.	00002510
425	S10P	RUN.	00002520

3.2.4 Flowchart. The following chart is an AUTOFLOW charting of the SRSE239 logic:

CHART TITLE - PROCEDURE DIVISION

	1 10000001		. 4 .	FILE A 11 1 SEO.CHEN 1	END I I	-	YES T	1 (18700)	I MOVE	I I WORK-IN-239	1 40	1 11 1	ORM 41	1 01	1 71 1 / 2.01	
		EC-ONE I (0C0289)		99) I 02 I . END OF FILE			4-239 / I			*	1 (68286)	111	III PERFORM		161	
/ (000265) /	.10.10	PROGRAW-ID I READ REC-ONE	SRSE239	1 (000289)	•	PERFORM I 11 I /READ	,	ТНЯОБСИ 1 51 1	OPEN I I I	1		************				

8

PAGE

READ - REC-CNE

CHART TITLE - PROCEDURE DIVISION

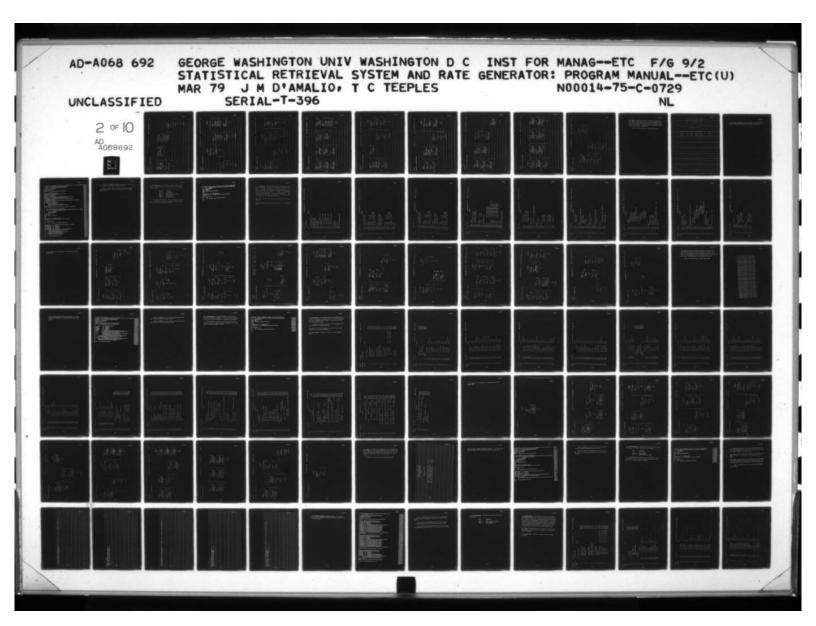
					S		38
						: 2 a	rá :
						RFOR	THROUGH OUT-PAIR-
					(P.E.	- S
					. 000		
						: -2-	021:
					•		
8.	· · ·						
NOTE	IN-FEC = DO-BIRTH OF WORK-IN-239		90				
00297) I NOTE				SEE NOTE			
(000297) I	" XX		5,	EE NOT			
(000297)	N- 76		(000297)				
60,			Š	9:			
		05	101	04"			
				:			
			RM -SS	ERR-MESS- OUT-END		· <u>·</u> ·	READ-REC-TWO
		-	PERFORM RR-MESS	THE THE	:	2.01	-REC
		301	4 8	100			EAD
		(000301)	-				œ
		1	- = -	33 - .			
	NON						
-	:	.6					
· .	OF IN-REC.	4.23	. 54		1:5	3	
^	F IN BEC	X . I			:		
2.05>	. OF .	WCR.					
2.0							

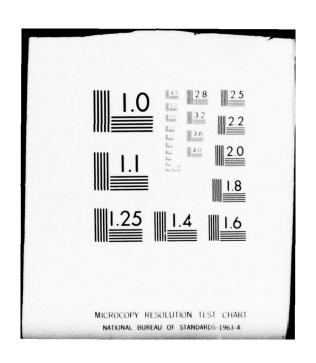
- 82 -

83 -

CHART TITLE - PROCEDURE DIVISION

Control of the Contro	(DODESTALL I MOTE OR I	10003171 1 06	A COMMON COMPON
1000312)			1 (000319) 07
	• DISPLAY	11 1	•
	. 'DATE OF BIRTH . I	II I PERFORM I 41	
*00-8181H OF NO 1	* SEQUENCE ERROR	1 60	I * DO - ACTION * NO
IN-REC < +-+ 1	* NAME IS ' L-NAME * . I	10 1 1 01	1 . OF IN-REC <+
. OLD-508 . I I	. OF IN-REC . I	16.1 171	I . 000-010 . I
	. ' MID = ' MID OF . I	•••••••••••••••••••••••••••••••••••••••	1 . ACTION . I
	IN-REC . I		
		US.01>I	•
IYES . 5 . I	-	-	I 1YES . 6
1 . 06 . 1		(000318) · 06	1
	(000314) 1 . 04 1		The second secon
-	1		
1	/ / 1	DO-ACTION * YES	
1	1 /	. OF IN-REC > *.+	-
(000313) 1 02 1	/SEE NOTE ABOVE / 1	1010-010 .	1 (000320) 1 (8
I		. ACTION .	• · · · · · · · · · · · · · · · · · · ·
1 MOVE 1 1	1 /		I MOVE I
O ABEND-SWITCH I I			I I TO ABEND-SWITCH I
1	7	INO . 6	• • • • • • • • • • • • • • • • • • • •
1	-	. 04	
1	*:::::::		
************		I NANE-OK	- ,
		-	/





OUT-PAIR

7.03.

AUTOFLOW CHART SET - SRS

90

PAGE

EXTRACT EDIT PAIRED 239 STA

08/20/77

CHART TITLE - PROCEDURE DIVISION

- 85 -

CHART TITLE - PROCEDURE DIVISION

/ (000338) /	67.02>	NCRM-DUT PARAGRAPH	(000339) 1 (0	I MOVE I NO OF I I WORK IN 239 TO I	MOVE 1 DO-ACTION OF 1 MORK IN-239 TO IN-23	I MOVE I MID OF IN-REC TO I	1	(000342) 1 C7	I MOVE I DO-ACTION OF I IN-REC TO TC-DATE I		8.01		
			(000333) 1 04	REC TO	MOVE I DO-ACTION OF I	MOVE MID OF	1 01 677.VI. VOX 1	1 (000336) 1 05	110N OF 4-239 10	1 TO-DATE 1	-:	. 8.01	UP-YOUR-COUNTER
/ (0003301 /	03.05>	OUT-PAIR PARAGRAPH	1 (000331)	C OF	, R1	1 y ES	al pai ba p	•					
	•					1000331) 01	AND TOCOF NO		1 res 7 . 1		1 02	. 7.06.	 NORM-0UT

ERR-WESS-OUT

PAGE 09

CHART TITLE . PROCEDURE DIVISION

	(000358) 1 04 1	(000363) 1 07 1	(000367) 1 (9
MOVE .	' '	I WONE	31 1 MM/
1 TO ERROR INIT I I	/wRITE / I	I CURRENT-DATE TO I I	/ ERR-OUT-REC /
MOVE , I I	/ ERR-OUT-REC / 1	1 CUR-041 1 1	/ FROM /
STATISTICAL 1 I	/FROM TOP-LINES / . 1	I Move I	/ HEADER-LINE /
RETRIEVAL SYSTEM' I I	/ AFTER 2 LINES / 1	1 DATE-11NE TO 1 1	/ AFTER 5 LINES /
10 105-11:50 1 1	1	1 10P-INFO 1 1	
1	the land of the la	1	Annual Control of the
-			CB.07>1
-	(000360) 1 05 1	-	1 (690000)
(000355) 1 02 1		(000365) 1 08 1	
1	I MOVE I		I MOVE
1 / 31180/	I 'ERROR REPORT' I I	/#RITE / 1	I L'NAME CF
ERR. OUT. REC / I	I UNMATCHED I I	/ ERR-OUT-REC / I	I WORK IN 239 TO
/FRG# 10P . LINES / I	I RECORDS' TO I I	/FROM TOP LINES / I	I D. L. NAME
/AFTER ADVANCING/	1 10P-INFO 1 1	/AFTER ADVANCING/	I MOVE
10-MEN-PAGE / I	I	/ 2 LINES / :	i wib or
	-	1	I WORK IN 239 TO
			1 0-1-WIC
1	(000361) 1 06 1	Characteristics of the second	I MOVE
(000357) 1 03 1	· · · · · · · · · · · · · · · · · · ·	*	1 100 00
	1 /		I WORK-IN-239 TO
MOVE I I	/WRITE / I		1 0-1-100
I I NS 038144 1103.	/ ERR-OUT-REC / I		
CHANGE RECORDS. 1 I	/FROM TOP-LINES / I		
TG 109-11:FO 1. 1	/ AFTER 2 LINES / I		
1	· · · · · · · · · · · · · · · · · · ·		
Section 1 is substantial transfer of the section 1 in the			

08/20/	AUTOFLOW CHART SET	· SRS EXTRACT	FOIT PAIRED 239 STA PAGE 10
CHART TITLE - PROCEDURE DIVISION	DIVISION		
			/ (000380) /
09.10 5-	1 (000377) 1 03		
I MOVE	I MOVE		OPEN-ROUTINE PARAGRAPH
1 WORK-IN-239 TO 1	*OFK - IN - 239		, 19600361
I WOVE I UD-REC-ST OF I			
I WORK-IN-239 TO 1	• • • • • • • • • • • • • • • • • • • •	.02.03>;	,
1 WOVE 1 DO-ACTION OF 1	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EPR-WESS-OUT-FND	IN-239
I WORK-IN-239 TO I I D-L-DACT I	B S		
	000)	(000378) 1	(000382) 1 (6
(000375) 1 02		1 04	
/wR11E			/OPEN 0UTPUT/
FRA OUT WEE	3d	PERFORM EXIT 1 1	/ 001-239 /
/ AFTER 2 LIVES /		- •	
-			
	-:	•	/ 1
		OPEN-ROUTINE	/11.01

I . LIX3 .

EOU-ROUTINE

. 13.05.

P46E 12

CHART TITLE . PROCEDURE DIVISION

				(000404) I CB /WRITE /EDJ-DISPLAY-REC/ /FROM TOP-LINES / /FROM TOP-LINES / / FROM TOP-LINES / / FILER ADVANCING/ / SLINES /	I
<u>,</u>	A ABEND-SWITCH	IYES 13.	I (000402) I 1 NOVE I ' NORMAL END OF I I JOB ' TO TOP-INFO I		
(000397) 1 04	I MOVE I CURRENT-DATE TO I I CUR-DAT I MOVE I DATE-LINE TO I I I TOP-INFO	(000399) 1 05 1 /wRITE	/EOJ-DISPLAY-REC/ I /FROM TOP-LINES / I /AFTER ADVANCING/ I / 2 LINES / I I I I		
10003927 1 01 1	/WRITE /EOJ-DISPLAY-REC/ /FROW 10F-11NES / /AFTER ADVANCING/ / TO-NEW-PACE /	(000394) 02 MOVE	1 CHANGE RECORDS 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	/WRITE /E0J-DI\$PL4:-REC/ / /FROM TOP-LINES / / / AFTER 2 LINES /	

- 91 -

08/20/77

	12.06 \$1	(000412) 1 04 1	(000416) 1 06 1	(000420) 1 6
	1			
10 1 10 10 10 10 10 10	- 1	/WRITE / 1	/wR17E / 1	/wRITE
10 1 /FGOM 10P-LINES /FFOM 10W-LINES /	ABNOFTAL I I	/EOJ-DISPLAY-REC/ 1	/EOJ.DISPLAY.REC/ I	/EOJ- DISPLAY-REC/
	END TO 1 1	/FROW TOP-LINES / I	1 / SBUT - MOT WOOD!	/FROM LOW-LINES /
12.08>	109-1840 1 1	/AFTER ADVANCING/ . I	/AFTER ADVANCING/ :	/AFTER ADVANCING/
02 12.08>	1	/ 3 LINES / I	/ 5 11NES /	/ STINES /
12.08>	-			
SPLAY-REC		12.08>1		
EC/ I MOVE			_	(000422) 1 C
LINES / I MOVE LINES / I 'NUMBER OF SSN I I I 'NUMBER OF SSN I I I 'NUMBER OF SSN I I I NUMBER OF SSN I I I NUMBER OF SSN I I I NUMBER OF SSN I I I NUMBER OF SSN I I I I NUMBER OF SSN I I I I NUMBER OF SSN I NUMBER OF SSN I I NUMBER OF SSN I NUMBER OF SSN I I NUMBER OF SSN I NUMB	116 / 1	I	1	
	-D15FL4Y-REC/ 1	I MOVE I	I MOVE I	I MOVE
	TOP-LINES / I	1 'NUMBER OF SSN 1 1	I WOMBER OF SSM I I	I 'NUMBER OF SSN
03	ADVA:CING/ I	I CHANGE RECORDS I I	I CHANGE RECORDS I I	I EPROR RECOFDS
03 LOW-INFO LOW-INFO WOVE	INES / I	I 8EAD ' TO I I	1 CUTPUT' TO 1 1	1 OUTPUT' TO
03 I MOVE I MOVE	1	I LOW-INFO I I	I LOW-INFO I I	I LOW-INFO
03 1 IN-CTR TO LOW-NUM 1 0UT-CTR TO 1 1 1 1 1 1 1 1 1	1	1 MOVE 1 1	I MOVE I I	I MOVE
03 LOW-NUM	1	I IN-CTR TO LOW-NUM I I	1 0UT-CTP TO 1 1	I ERR-CTR TO
			I TOM-MON I	I LOW-NUM
			1	-
	SECUENCE 1 1	*		
	1 1 01 80		*	-
1 /14.01	34			11
/14.01				
	1			/14.01

END OF RUN

		(000426) 1 04 /CLOSE	(000426) 1 05	/crost out /	(000427) 06
01 VY - REC / INES / ING /	03	``,	8: `	`	
13.09> 1000424) 1 /WRITE /EDU-DISPLAY-R /FRUM LOW-LINES /AFTER ADVANCING / 2 LINES	(000426)	//ctose / IN-239	10004261	/Clost / 001-239	. i

08/20

3.2.5 Output. The paired records (AN-239, R1-239) are re-formated into a single record containing the old SSN first, and then the new SSN. Thus, on the output report there will be a count indicating twice as many records input as there are output. The output records are written onto a disk data set to be used as input for program SRS239.

A sample of the printer output for program SRSE239 follows:

STATISFICAL RETRIEVAL SYSTEM

ECIT PAIRED SSN CHANGE RECERDS

C8/15/17

NERMAL END OF JEE

VULEER	CF	SSN	CHANGE	RECCROS	REAC	=	95é
NUPEER	CF	SSN	CHANGE	RECCROS	GLIPLT	=	478
NUMBER	CF	SSN	ENROR	RECERCS	CLIPLT	=	C

3.2.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution:

```
//15719111 JOB (701R, MPI3). E239-- CAPT JENKINS', TIME=(,20), TYPRUN=HOLD 0000001
  IDBL IB DD DSN=HQMC1.MPI.LOADLIB.DISP=SHR
                                                                            000000
            EXEC
                  PGM=IEHPROGM . REGION=80K
                                                                            000000:
 STEPONE
//SYSPRINT DD SYSOUT=A
                                                                           0000004
//SYSOUT DD SYSOUT=A
                                                                            0000005
                                                                            0000006
//SYSIN DD #
 UNCATLG DSNAME=HQMC1.MPI2.C1080.SRSE239N
                                                                           0000007
                                                                           0000009
//STEP1 EXEC PGM=IERRCOOD
                                                                           0000009
//SORTLIB DD DSN=SYS1.SORTLIB.DISO=SHR
                                                                           0000010
                                                                           0000011
//SYSUDUMP DD SYSOUT=A
//SYSOUT DD SYSOUT=A
                                                                           0000012
//SORTIN DD DSN=HQMC1.MPI2.C1080.SRSX23ND.DISP=OLD
                                                                           0000013
//SORTWK01 DD UNIT=SYSDA, SPACE=(TRK,(100))
                                                                           0000014
//SORT WKO2 DD UNIT=(SYSDA, SEP=SORT WKO1), AFF=SORT WKO1,
                                                                           0000015
                                                                           0000015
    SPACE=(TRK, (100))
//SDRTWK03 DD UNIT=(SYSDA.SEP=(SDRTWK01.SDRTWK02)).AFF=SDRTWK01.
                                                                           0000017
                                                                           0000018
   SPACE=(TRK,(100))
//SORTOUT DD
               DSN=&SORTOUT.
                                                                           0000019
11
       DISP=(NEW.PASS).
                                                                           0000020
       UNIT=3330.SPACE=(TRK.(80.2)).
                                                                           0000021
11
       DCB=(RECFM=FB, LRECL=240, BLKSIZE=2400)
                                                                           0000022
11
                                                                           0000023
//SYSIN
        DD *
SORT FIELDS=(021,03,CH,A,72,4,PD,A,3,4,PD,A),FILSZ=E4500
                                                                           0000024
                                                                           0000025
1*
    EXEC LCOBUCLG, OFF = MPI1, SECT = RETRY,
                                                                           0000026
11
    PARM. COB= (LIB, NODECK, LOAD, NODMAP, NOPMAP, SUPMAP.NOXREF, STATE, SXREF.
                                                                           0000027
               'SIZE=114K', BUF=16K'),
                                                                           0000028
11
                                                                           0000029
11
       REGION.LKED=90K.
       REGION.GO=200K
                                                                           0000030
11
                                                                           0000031
//LIB.SYSIN
            DD *
                                                                           0000032
-OPT NOLIST
                                                                           0000033
-SEL
      SRSE239,Q55D,EXEC
                                                                           0000034
-END
/#
                                                                           0000035
                                                                           0000036
//COB.SYSIN DD DSN=&&LIBTEMP
                                                                           0000037
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR
                                                                           0000038
//LKED.SYSLIB DD
                                                                           0000039
                                                                           0000040
11
       DD
           DSN=HQMC1.AP12.MMSLIB.DI SP=SHR
                                                                           0000041
14
                                                                           0000042
//GO.SYSPRINT DD SYSOUT=A.DCB=[RECFM=UA.BLKSIZE=133]
                                                                           0000043
                                                                           0000044
                  SYSOUT=A
//GO.SYSOUT
              DO
               DO
                   SYSOUT=A
                                                                           0000045
//GO.SYSUDUMP
//GD.SYSDBOUT
               DD
                   SYSCUT=A
                                                                           0000045
                                                                           0000047
               DD
                   SYSOUT=A
//GO.ERRMESSG
               DD
//GO.SSNCHOUT
                   DSN=HQMC1.MPI2.C1080.SRSE239N,
                                                                           0000048
       DISP=(NEW.CATLG.DELETE).UNIT=3330,
                                                                           0000049
11
                                                                           0000050
11
       SPACE=(TRK.(80.2).RLSE),
       DCB=(RECFM=FB.LRECL=31.BLKSIZE=3100)
                                                                           0000051
11
 'GO . SSNCHGIN DD DSN= & SORTOUT .
                                                                           0000052
       DISP=(OLD, DELETE), UNIT=3330
                                                                           0000053
                                                                           0000051
1*
// EXEC IELEASE.PARM="15719121"
                                                                           0000055
                                                                           0000056
1*
                                                                           0000057
11
```

- Note 1. The DSNAME in the uncatalog statement (line 70) must be the same as the DSN in the SSNCHOUT DD statement (line 480).
- Note 2. If the positions of the L-NAME, DO-BIRTH, or DO-ACTION changes in the TRS file, corrections will be needed in the SORT FIELDS card (line 240).

3.2.7 Program Maintenance. The following fields are used in program SRSE239. Changes to these fields in TRS may have an effect on this sort process/program.

DATA NAME	DESCRIPTION
TCC	Type change code
DO-ACTION	Date of action
MID	Marine identification number
INITS	Initials of name
DO-BIRTH	Date of birth
L-NAME	Last name of Marine

If program changes are necessary, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit, and replace the original load module in LOADLIB.

```
//15703112 JOB (601R.MPI2) . CDMP & LKED E239 .TIME=(00.40)
// EXEC LCOBUCL.OFF=MPI1.SECT=RETRY.LLIB=LOADLIB.ROOM=MPI.
       LMEN=SRSE239
FILIB-SYSIN DD .
-OPT NOLIST
-SEL SRSE239.Q55D.RESEQ.EXEC
-END
1+
//COB.SYSIN DO DSN=&GLIBTEMP
//COB.SYSLIB DO DSN=HQMC1.AP12.COPYLIB.DISP=SHR
//LKED.SYSLIB DD
       DD
"
          DS N=HQMC1 . AP12 . MMSL IB . DI SP=SHR
       OD
11
1.
"
```

- 3.3.1 Program SRS239. This program forms a table of SSN changes to detect multiple changes for an individual. For instance, if a Marine has the MID number A and changes it to the number B then later changes it to C the program is designed to detect these changes. There may be some transactions under number A that must be changed to C. Similarly, there may be some transactions filed under number B that also must be changed to C. This program constructs correction records that will be used to update the SSNs in the transaction file as well as the history file.
- 3.3.2 Input. The input to this program is the edited paired records from SRSE239.
- 3.3.3 Source Program. Following is a listing of the source statements for SRS239:

07/11/73	INPUT LISTING AUTOFLOW CHART SET - SRS	- SRS FORM TBL TO DETECT MULT CHGS
COBOL MCDULE	(LIST.CHART.PARM)	
CARD NO	CONTENTS	•
	OPTION AUXLIST=YES	
•	000010 10ENTIFICATION DIVISION.	
7	000020 PROGRAM-1D. SRS239.	
е	OCODEO ENVIRONMENT DIVISION.	
4	000040 INPUT-OUTPUT SECTION.	
vo	DODOSO FILE-CONTROL.	
10	0000060 SELECT STATIN .	
7	000070 ASSIGN TO UT-2400-S-1".FILE.	
8	DUDDED SELECT WORK	
o	000050 4551GH TO UT-2400-S-WORK1.	
9	000100 SELECT WORKX	
:	000110 ASSIGN TO UT-2400-5-WORK2.	
12	000120 SELECT TRANSWK	
13	000130 ASSIGN TO UT-2400-S-TROUT.	
14	000140 SELECT HISTWK	
15	000150 ASSIGN TO UT-2400-S-HISTOUT.	
15	000160	
17	000170 DATA DIVISION.	
9	ODDIEG FILE SECTION.	
19	•061000	
50	COCCOS FD STATIN	
2	000210 LASEL RECORDS ARE STANDARD	

41 0000419 02 WIOD PIC S9(6) COMP-3.
STITE 1830 ST. CO.
COCAZO OZ MOSINITIO
000430

82/11/10	INPUT LISTING	9.	AUTOFLOW CHART SET . SRS	FORM TBL TO DETECT NULT CHOS
04 CH 2	:		CONTENTS	
45	000450	LABEL RECORD	LABEL RECORDS ARE STANDARD	
45	000730	BLOCK CONTAI	BLOCK CONTAINS TO RECORDS	
47	000410	RECCRD CONT	CONTAINS 31.	
48	000480*			
43	060499 01	WKX.		
00	905505	62 WAFRS	P1C X(10).	
10	0000510	02 WXT0S	PIC X(10).	
25	000820	02 WXFRD	PIC S9(6) COMP-3.	
83	000230	02 WXTOD	P1C S9(6) COMP-3.	
5.4	000540	02 WXSSNINITS	IS PIC XXX.	
100	.035000			
95	0000560 FD	TRANSWK		
57	0000210	LABEL RECORD	LABEL RECORDS ARE STANDARD	
90	000280	BLOCK CONTAI	BLOCK CONTAINS O RECORDS	
60	0002000	RECORD CONTAINS	TAINS 31.	
99	-0095000			
19	000000	TRWK.		
62	000000	02 TRFRS	PIC X(10).	
63	0000030	02 18105	PIC X(10).	
6.4	079000	02 TRFRD	PIC 59(6) COMP-3.	
60	099000	02 78700	PIC 59(6) COMP-3.	
99	099000	02 TRSSNINITS	IS PIC XXX.	
29	•00000			

37/11	INPUT LISTING	g		AUTOFLOW CHART SET - SRS	FORM TBL TO DETECT MULT CHGS
ARD NO	:			CONTENTS	į
ós	000680 FD	HISTWK			
69	069000	LABEL RECORDS ARE STATEDARD	ARE STALDAR	9	
70	000000	BLOCK CONTAINS O RECORDS	O RECORDS		
1.1	000710	RECORD CONTAINS 20 CHARACTERS.	S 20 CHARAC	TERS.	
72	C00720-				
73	000730 01	HWK.			
7.4	000140	02 HFRS	PIC X(10).		
75	000750	C2 HT0S	PIC X(10).	•	
92	-092000				
77	000770 WOR	KING-STORAGE SECTION.	CT 10N.		
78	+084000				
62	000190 01	×	PIC 59(6) U	PIC S9(6) USAGE IS COMP-4.	•
09	0008000	z	PIC S9(6) U	PIC S9(6) USAGE IS COMP-4.	
18	000810 01		PIC S9(6) U	PIC S9(6) USAGE IS COMP-4.	
82	000820 01	MEMS I ZE	PIC S9(6) US	PIC S9(6) USAGE IS COMP-4 VALUE IS +2000.	.00
63	000830 01	INPUTSW	PIC 59(1) US	PIC S9(1) USAGE IS COMP-3 VALUE -1.	
34	000840 01	OUTPUTSW	PIC S9(1) US	PIC S9(1) USAGE IS COMP-3 VALUE +0.	
85	000850 01	MINUS1	PIC 59(1) U	PIC S9(1) USAGE IS COMP-3 VALUE -1.	
98	000860 01	PLUSO	PIC S9(1) US	PIC S9(1) USAGE IS COMP-3 VALUE +0.	
37	000870 01	PLUS1	PIC 59(1) US	PIC S9(1) USAGE IS COMP-3 VALUE +1.	
38	0008804				
69	000850 01	MEMTBL.			
96	006000	02 MEMTBLA OC	MEMTBLA OCCURS 2000 TIMES.	IMES.	

111/78	INPUT LISTING					AUTOFLOW CHART SET - SRS	FORM TBL TO DETECT MULT CHGS
04 0 NO	ì					CONTENTS	i
	0:6000	03	WFRS	910	PIC X(10).		
92	000920	63	MTOS	910	PIC X(10).		
93	000030	03	WF RD	PIC	PIC 59(6)	COMP-3.	
94	01:6000	03	4100		PIC 59(6)	COMP-3.	
95	096000	03	MSSNINITS	NITS	910	XXX.	
96	-096000						
26	000970 PROCEDURE DIVISION.	DURE D	171510	ž		•	
98	-086000						
66	066000	NI NE	PUT ST	ATIN	OUTPUT	OPEN INPUT STATIN OUTPUT WORK TRANSMK HISTMK.	
100	001000						
101	. 001010 NUPASS.						
102	001020 WG	OVE ZE	MOVE ZERO TO M N.	2			
103	001030						
104	00104C READIN.						
105	001000	Uent :	IF INDUTS# = MINUS1	MINUS			
106	001060	THE	THEN GO TO READST	O REA	150		
107	001070	£13	ELSE NEXT SENTENCE	SENT	ENCE.		
108	001080-						
109	001000	UNI	IF INPUTSW = PLUSO	PLUSO			
110	001100	THE	THEN GO TO READWK	O REA	DWX		
	001110	513	ELSE NEXT SENTENCE	SENT	ENCE.		
112	001120*						
113	001130 16	UNNI :	IF INPUTSW . PLUST	PLUSI			

82/11/2	INPUT LISTING	ING AUTOFLOW CHART SET - SRS		FORM TBL TO DETECT WULT CHGS
CARD NO	ì	CONTENTS		į
114	001140	THEN GO TO READMKK		
115	001150	ELSE GO TO ERRI.		
116	.001163			
117	CO1170 READST.	SEADST.		
118	001180	READ STATIN INTO WK AT END GO TO EOF.		
611	061190	MOVE WTOS TO HERS.		
120	001200	MOVE ZERGES TO HTOS.		
121	001210	WRITE HWK.		
122	.001220	GO TO CKMATCH.		
123	001230			
124	001240 READWK.	PEADWK.		
125	001250	READ WORK AT END GO TO EOF.		
126	001260	GO TO CKMATCH.		
127	001270-			
128	001280 READWRK.	PEADWKK.		
129	001290	READ WORKX INTO WK AT END GO TO EOF.		
130	001300	GO TO CHMATCH.		
131	001310			
132	001320 CKMATCH.	CKMATCH.		
133	001330	IF N > 0		
134	001340	THEN PERFORM MATCHUP VARYING I FROM 1 BY 1	BY 1	
135	001350	UNTIL I = N + 1		
136	001360	ELSE NEXT SENTENCE.		

07/11/78 CARD NO	INPUT LISTING	ING AUTOFLOW CHART SET - SRS CONTENTS	FORM TBL TO DETECT WULT CHGS
137	001370	IF N < MEMSIZE	
138	001380	THEN ADD 1 TO N	
139	001390	MOVE WFRS TO MFRS (N)	
140	001400	MOVE WTOS TO MTOS (N)	
141	001410	MOVE WERD TO MERD (N)	
142	001420	MOVE WIOD TO MIDD (N)	
143	001430	MOVE WESNINITS TO MESNINITS (N)	
144	001440	GO TO READIN	
145	001450	ELSE ACO 1 TO M	
146	001460	IF OUTPUTSW = PLUSO	
147	001470	THEN WRITE MX	
148	001480	GO TO READIN	
149	001430	ELSE WRITE WKX FROM WK	
150	001500	GO TO READIN.	
151	001510		
152	001520 DUMPMEM.	UNIPMEM.	
153	001530	MOVE MFRS (1) TO TRFRS.	
154	001540	MOVE MTOS (1) TO TRTOS.	
155	001550	MOVE MFRD (I) TO TRFRD.	
156	001560	MOVE MTOD (I) TO TRTOD.	
157	001570	MOVE MSSNINITS (I) TO TRSSNINITS.	
80	001580	DISPLAY TREES. ' \$ ', TRTOS. ' \$ ', TRERD, ' . ', TRTOD.	0.
159	001590	WRITE TRWK.	

07/11/78	INPUT LISTING		AUTOFLOW CHART SET - SRS F	FORM TBL TO DETECT MULT CHGS
CARD NO	:	CON	CONTENTS	
160	001600	MOVE MFRS (1) TO HFRS.		
161	001610	GOVE MTOS (1) TO HTOS.		
152	001620	DISPLAY HFRS. ' % ', HTOS.	•	
153	001630	WRITE HWK.		
164	001640-			
165	001650 EOF.	ú		
166	001660	PERFORM DUMPMEM VARYING I FROM 1 BY 1 UNTIL I	OM 1 BY 1 UNTIL I = N + 1.	
167	001670	IF M = 0		
168	001680	THEN GO TO EOJ		
169	001690	ELSE IF INPUTSW = MINUS1		
170	001100	THEN CLOSE STATIN WORK	TIN WORK	
171	0017:0	OPEN INPUT	OPEN INPUT WORK OUTPUT WORKX	
172	001720	ELSE IF INPUTSW = PLUSO	W = PLUSO	
173	001730	THEN	THEN CLOSE WORK WORKX	
174	001740		OPEN INPUT WORKX OUTPUT WORK	
175	001750	ELSE	ELSE CLOSE WORK WORKX	
176	001760		OPEN INPUT WORK OUTPUT WORKX.	
177	00177,0	MOVE OUTPUTSW TO INPUTSW.		
178	001780	COMPUTE OUTPUTSW = PLUS1 - INPUTSW.	VPUTSW.	
179	001190	GO TO NUPASS.		
160	001800+			
101	001810 ERR1.	71.		
182	001820	DISPLAY 'INPUTSW VALUE NG.	' INPUTSW.	

. 82/11	INPUT LISTING	AUTOFLOW CHART SET - SRS	FORM TBL TO DETECT NULT CHSS
ARD NO	:	CONTENTS	•
183	001830	GO TO EOJ.	
184	001840		
185	001850 EOJ.		
186	001860	CLOSE TRANSME HISTME.	
187	001870	IF INPUTSW = MINUS!	
198	001830	THEN CLOSE STATIN WORK	
:89	001830	ELSE CLOSE WORK WORKX.	
190	001900	STOP RUN.	
191	.016100		
192	001920 MATCHUP.	rCHUP.	
193	001930	IF WFRS = MTOS (1)	
194	0:-6100	MOVE WICD (1) TO WERD	
195	001950	MOVE WIDS TO MTOS (1)	
196	001960	ELSE NEXT SENTENCE.	

3.3.4 Flowchart. The following chart is an AUTOFLOW charting of the SRS239 logic:

1 07

3.01.

INPUTSW .

- 112 -

CUTPUT/

CKMATCH

07/11/76

CHART TITLE . PROCEDURE DIVISION

PAGE 03

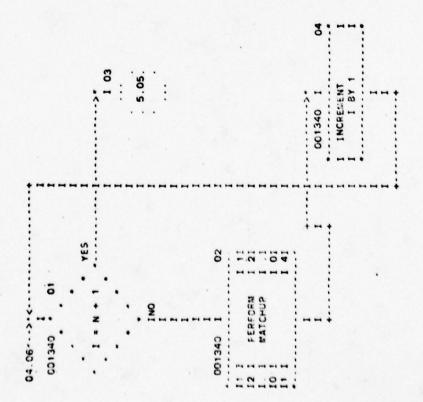
FORM TBL TO DETECT MULT CHGS

AUTOFLOW CHART SET . SRS

READIN

07/11/70

				SNINITS 10 SNINITS (H)	2.06.
		•			
	8 + HHH : 98 :	9:		:	
: `			2 2	î	
8.	MEMSIZE IYES I		SS		
	, Y	H	MFRS		
8 .	÷ .•		5 5	2	
		001380 ADD	MOVE MOVE MOVE	MOVE	
8					



. 2.06.

READIN

87/11/78

EOF

0

CHART TITLE - PROCEDURE DIVISION

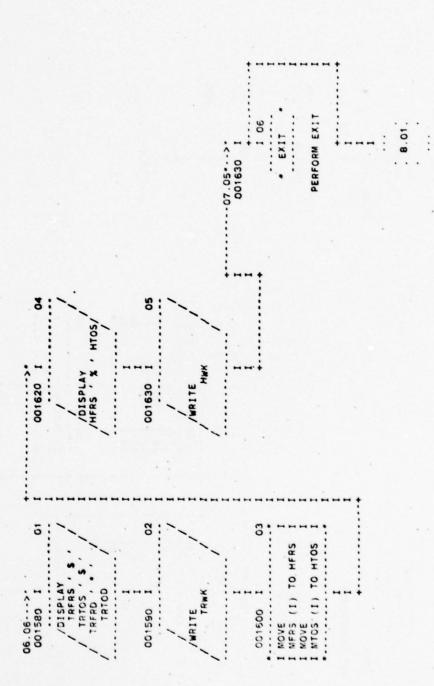


CHART TITLE . PROCEDURE DIVISION

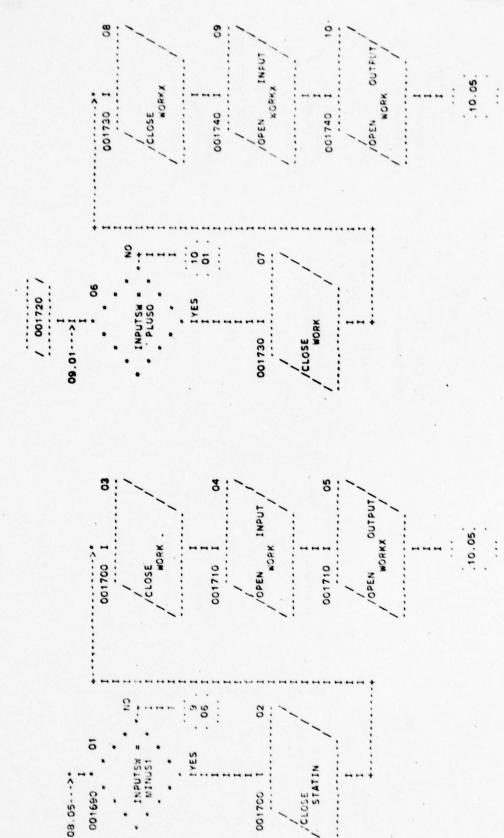
								YES	*:.	-			 10	. 10		EOS					
	-												•	•							
	-				10			-		-											
					05																
	0																		1		
	-								0				0								-
	6												2								0
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				08.03																	
				õ					-												

EOF PARAGRAPH 03.65...>*

/ 001650 /

								03	•	I	17 1	1.1	10 1	19 1	•			8	-	-	•	
								I 09			PERFORM	DUMPMEM						1 09	REMENT	I BY 1		 •
								001660		1 1	1 91	1.1	10 1	15 1				001660				
			******	-	•	1	1.	-	1	1	-	1	-	1	1		-					 • •
5	: -	-					•	YES	***						. 05 . 1							
	ZE	-	 		05			•	+	•				9								
001660 1	INITIALIZE	1 10	 ••	ī	. 039100				N = 1				•		1	1			- +			
0	:	**			0																	

CHART TITLE - PROCEDURE DIVISION



NUPASS :

CHART IITLE . PROCEDURE DIVISION

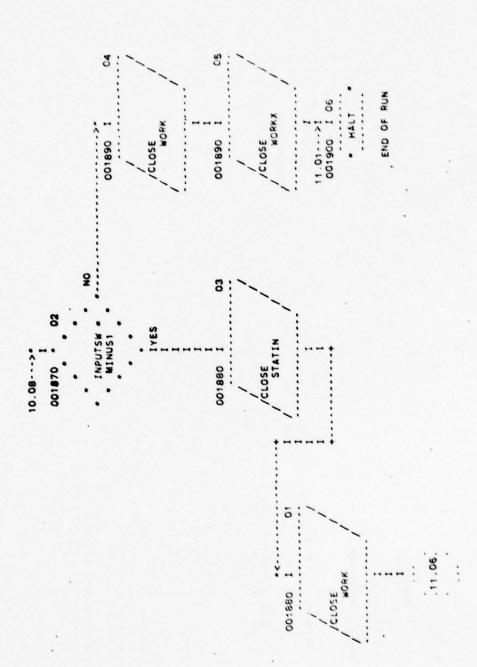


CHART TITLE . PROCEDURE DIVISION

07/11/78

	00196
/ 661920 /	
	•
	05.02*>1
05.02>*	•

*ATCHUP PARGRAPH	•
•	EXIT
601930 ' 61	
	PERFORM EX

		1 03	:	.12.04.		:		,								
 001930 . 01	 . 00 .	WFR5 = MTOS	. (7)		1765		 	001940 1 02		1 1.700 (1) TO WERD	I WIOS TO MIOS (1) I	***************************************	 	 	.12.04.	***

- 122 -

3.3.5 Output. The output from this program consists of correction records that will be used to update the SSNs in the transaction file as well as the history file. The correction records are written on two disk files; one will be input to the TSSN program for correcting transaction SSNs. The other file will be input to the HSSN program for correcting history record SSNs.

A sample of the printer output for program SRS239 follows:

0405564656 \$ 0005565646 \$ 748317 . 720619 04274 465 1 4 05274 70551 x 740 766 * 751031 UNITE LUXUE 0207541336 \$ 0207541429 4 746331 4 750201 1 0307541377 2644.1456 0501m03761 \$ 0501663761 \$ 740314 . 730730 naninustri & 0501663751 0414887375 + 0414807374 6 740126 + 710105 D414417573 2 0414897573 0320459075 \$ 0520459075 \$ 740601 * 750123 22.042.0012 # 0.25.04E.0012 0496701440 \$ 046 701490 \$ 740407 # 750731 decentaria. * 045e701490 0245:46136 \$ 0245846736 \$ 740521 \$ 720729 45424-6126 & 4542446128 0439496171 + 0459946171 + 740331 + 750304 0439491171 \$ 0453446171 0245820501 \$ 0254680-91 \$ 740507 * 720524 #245#405-1 = 025#490#91 0174443417 \$ 0172443417 | 740505 + 710312 TITERTERIT T 117747 4417 6345425 443 \$ 6344425443 \$ 740121 * 761102 HANGALLIANA & GRADADLEAN 0190423222 + 3190423202 + 740226 + 700727 41454545 \$ 21555454545454 0259940164 \$ 0257946124 & 740316 * 720718 तिरुव्यवस्थात्व के वर्ष्ट्रायमगाच्य 0516525000 \$ 0516625490 \$ 74016A * 740805 # 155554 70 x 0415875470 0505565565 1 050250506 4 740526 1 750906 מהחבת בנוכם ג פונבים ביוכם 0201443044 : 0201444450 . 740400 . 751224 HEULTTONE BEHLATER ne14640050 + u214640c00 + 740616 + 710810 pervenden f neinenburg 040750035* * 3147509785 * 740501 * 750501 0167500 014 \$ 0187500785 0265701677 \$ 0226701477 \$ 740219 * 721010 1765701577 5 0225701577 0551443414 \$ 0541442454 \$ 740504 * 759110 nastausata & neathasuea 120426 0293467744 1 0298457844 5 748124 + 751214 ग्रमाप्य राज्य व Destructive & 0264304401 + 0264500001 5 740317 + 611004 10-808-50 x 10-808-50 0245946505 \$ 0245466504 1 740102 + 750523 गुरुष नवनहरूतम् इत्यारमञ्जनहरूत्व 0437808572 # 0437989063 ¢ 740421 + 720830 - C4373444-1 Y: TRIFE 0544698417 x 0544664117 \$ 740226 * 711021 054460**** UST460*117 0300401227 4 0300491277 5 740210 4 710405 0300441227 8 0000441277 0132402672 \$ 0130407629 \$ 740226 \$ 720630 1125455455 & C12545185A 0140440325 \$ 0144446953 \$ 740119 * 750619 01484443335 5 01484489*M-0416064575 \$ 0461064575 \$ 740514 * 750917 3.3.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution:

```
//15719121 JOB (701R,MPI3). -239-- CAPT JENKINS .TIME=(.10).TYPRUN=HOLD 00000010
//JOBLIB DD DSN=HOMC1.MPI.LDADLIB.DISP=SHR
                                                                           00000020
                  PGM= IEHPROGM . REGION=80K
//STEPONE
            EXEC
                                                                           00000030
//SYSPRINT DD SYSOUT=A
                                                                           00000040
//SYSOUT DD SYSOUT=A
                                                                           00000050
//SYSIN DD +
                                                                           00000060
 UNCATLG
         DSNAME=HOMC1.MPI2.C1080.SRSN.STATUP
                                                                           00000070
 UNCATLG DSNAME=HQMC1.MPI2.C1080.SRSN.HISTUP
                                                                           00000080
1 .
                                                                           00000090
       EXEC
             PGM=SRS239.REGION=150K
                                                                           00000100
//SYSPRINT
               DD SYSOUT=A
                                                                           00000110
//SY SOUT
               DD SYSOUT=A
                                                                           00000120
//SYSUDUMP
               00
                   SYSOUT=A
                                                                           00000130
//SY SOBOUT
               00
                   A=TUDZYZ
                                                                           00000140
//INFILE
             DD DSN=HQMC1.MP12.C1080.SRSE239N.DISP=DLD
                                                                           00000150
//WORK1
              DD DSN=&A.DISP=(.PASS).SPACE=(CYL.1).UNIT=3330.
                                                                           00000160
              DCB=(RECFM=F.LRECL=31.BLKSIZE=31)
                                                                           00000170
11
//WORK2
              DD DSN=68.DISP=(,PASS),SPACE=(CYL,1).UNIT=3330,
                                                                           00000180
11
              DCB={RECFM=F,LRECL=31,BLKSIZE=31}
                                                                           00000190
//TROUT
            DD DSN=HQMC1.MPI2.C1080.SRSN.STATUP.UNIT=3330.
                                                                           00000200
11
       DISP=(.CATLG.DELETE).SPACE=(TRK.(1.1).RLSE).
                                                                           00000210
11
                                                                           00000220
       DCB=(RECFM=FB,LRECL=31,BLKSIZE=3100)
//HISTOUT
              DD DSN=HOMC1.MPI2.C1080.SRSN.HISTUP.UNIT=3330.
                                                                           00000230
11
       DISP=(.CATLG.DELETE).SPACE=(TRK,(1.1).RLSE).
                                                                           00000240
       DCB=(RECFM=FB,LRECL=20,BLKS1ZE=2000)
                                                                           00000250
11
/*
                                                                           00000260
// EXEC IELEASE . PARM= 15719201
                                                                           00000270
1+
                                                                           00000280
11
                                                                           00000290
```

- $\underline{\text{Note 1}}$. The DSNAME in the first uncatalog statement (line 70) must match the DSN in the TROUT DD statement (line 200).
- $\underline{\text{Note 2}}$. The DSNAME in the second uncatalog statement (line 80) must match the DSN in the HISTOUT DD statement (line 230).

3.3.7 Program Maintenance. This program depends on its input from constructed records produced by SRSE239. As long as the MID field is character and the date of action is packed decimal, no changes should be necessary.

If program changes are necessary, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit, and replace the original load module in LOADLIB.

//15703122 JOB (601R.MPI2). COMP & LKED 239 .TIME=(00.45)	30330310
// EXEC LCOBUCL.OFF=MPI1.SECT=RETRV.LLIB=LOADLIB.ROOM=MPI.	00000020
// LMEM=SRS239	0000030
//LIB.SYSIN DO *	00000040
-OPT NOLIST	00000050
-SEL SRS239. ZSLK.RESEQ.TEMP.EXEC	00000060
-END	00000070
	00000080
//COB.SYSIN DO DSN=E&LIBTEMP	00000090
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR	00000100
/*	00000113
//LKED.SYSLIB DD	00000120
// 00	00000130
// DD DSN=HQMC1.AP12.MMSLIB.DISP=SHR	00000140
/•	00000150
<i>"</i>	00000160

3.4.1 Program SRSXJD. This program accepts one of the transaction files as input. It expects the file containing the JD-, JP-, TR-type transactions. The JD and JP transactions are split off the file and output onto a tape. The TR transactions are ignored.

The output of this program is fed into the "sort/merge XJD and X239" process (along with the output from SRSX239).

- 3.4.2 Input. The input to this program is a tape transaction file which contains the JD-, JP-, TR-type transactions.
- 3.4.3 Source Program. Following is a listing of the source statements for SRSXJD:

06/30/78	INPUT LISTING	AUTOFLOW CHART SET - SRS	EXTRACT JD-JP STATS
COBOL MODULE	(LIST, CHART, PAHM)		
CARD NO	:	CONTENTS	:
	OPTICN AUXLIST=YES		
			00000000
-	IDENTIFICATION DIVISION.		00000000
8	PROSELM-10. SPSXJD.		00000000
m	AUTHOR. TOM TEEPLES.		00000040
4	DATE - COMPILED.		09000000
ın			09000000
ø	ENVISORENT DIVISION.		00000000
1	CONFIGURATION SECTION.		02000000
w	SOURCE-COMPUTER. IBM-360-H65.		06000000
o 13	OBJECT-COMPUTER, IBM-360-H65.		000000100
9	SPECIAL-NAMES.		01100000
	CO1 1S TO-NEW-PAGE.		00000120
12	INPUT-OUTPUT SECTION.		000000130
13	FILE - COVTROL.		00000140
4	SELECT EOJ-DISPLAY.	4551GN TO UR-1403-5-SYSPRINT.	. 00000150
15	SELECT TRANS-IN.	ASSIGN TO UT-2400-S-TRUDIN.	00000160
16	SELEC! TRANS-OUT.	ASSIGN TO UT-2400-S-JOOUT.	00000170
	EJECT		00000180
11			00000190
18	DATA DIVISION.		00000000
19	FILE SECTION.		00000210

30,78	INPUT LISTING	INS		AUTOFLOW CHART SET - SRS	EXTRACT UD-UP STATS
ON GHA	:		o	COATENTS	:
50	7	FD TRAMS-IN			00000220
21		BLOCK CONTAINS O	TAINS 0		00000230
22		RECORD CONTAINS 240	TAINS 240		00000240
23		LIBEL REC	RECORDS STANDARD.		00000250
24	0	01 IN-REC.			00000260
24	- INC TR	TRS01060			00000270
25		92	92 THS01080.		
56	000015	03	03 100	PIC XX.	
27	61000	03	DO-4C110N	PIC 5916) COMP-3.	
28	11000	63	P-FLAG	PIC X.	
58	81000	03	TEN-O-ENT	PIC X.	
30	61000	03	PACE	PIC X.	
31	00000	03	SEX	PIC X.	
32	12003	03	MID	PIC X(10).	
33	000022	03	INITS	PIC XXX.	
34	00003	03	DUTY-LAIT	PIC XXX.	
35	00004	03	PRES-SP-GRD	P1C X.	
36	00025	93	PROF-PAY	P.C x.	
37	00000	03	CON-LEG-AGR	PIC X.	
38	C0027	03	FILLER	PIC X.	
39	000038	03	PRES-GRD	PIC XXX.	
40	62000	63	PRES-DOR	PIC 59(6) COMP-3.	
41	00000	03	10-0	PIC XXX.	

4 4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	00031 00032 00033 00034 00034 00035 00037 00038 00039 00039 00041 003 00042 00043 003 003 00044 003 003 00048 00048 00048 00048 00048	03 0-PP 03 0-PP 03 0-CLA 03 PELLER 03 PREV-GD 03 PREV-DOR 03 PREV-DOR 03 PREV-DOR 03 PREV-DOR 03 PRES-PLAN 03	PIC X. PIC X. PIC X. PIC XX. PIC XXX. PIC XXXX. PIC S9(6) COMP-3. PIC XXXX. PIC XXXX. PIC XXXX. PIC XXXX. PIC XXXX.	
			PIC XXXX.	
		03 COMP-CODE	PIC XXX.	
		03 O.CWE.CO	PIC XXX	

06/30/78	INPUT LISTING			AUTOFLOW CHART SET - SRS	EXTRACT UD-UP STATS
CAHD NO	:		ช	COLTENTS	:
69	60054	63	NO-DEP	PIC 59(2) CO.P.3.	
99	55000	63	SEP-CUDE	PIC XXX.	
67	99000	8	300-0-0	PIC X.	
68	20057	03	C1V-f0-YR5	PIC XX.	
69	85000	03	CIV-ED-LVL	PIC X.	
70	65000	03	FORM-WCC	PIC XXX.	
11	57,600	63	CCL.SAI - SERV	PIC XX.	
72	10000	03	HOUE - CITY	PIC XXXX.	
73	20000	63	HOME - STATE	PIC XX.	
74	£5000	03	STRENGTH-CAT	P1C x.	
75	000074	03	AFAD-6D	PIC 59(6) COMP-3.	
92	000055	03	CARETH-FLG	PIC X.	
77	9:000	03	VRE-M	PIC X.	
78	22000	03	VRB-12	PIC X.	
79	85000	03	C11-51	PIC XX.	
08	69000	03	OM-DO	PIC XXX.	
93	00000	03	FILLER	PIC X.	
82	00001	03	CUR-DIY-ST	× 011	
83	000072	03	CASUALTY-ST	PIC X.	
48	60003	03	UD-REC-ST	PIC X.	
92	60074	03	L-NAME	PIC X(20).	
98	50000	03	MSN	PIC X(10).	
87	92000	03	DO-ENL-ACC	PIC 59(6) COMP-3.	

06/30/78	INPUT LISTING			AUTOFLOW CHART SET - SRS	EXTRACT JD-JP STATS
CARD NO	:		o	COMTENTS	:
88	22000	8	03 PERM-GRO .	PIC XXX.	
68	60000	8	03 FILLER	P1C x.	
06	60000	03	CIT-CNTRY	PIC XX.	
91	08000	03	1 0-PEF	PIC XX.	
92	00081	03	PROG-ENL-FOR	PIC XX.	
93	00082	03	ETHI.IC	PIC X.	
94	00083	03	DOD-SEP-CODE	PIC X(5).	
95	00084	0	03 V-A-CUDE	PIC XX.	
96	20000	8	03 нЕІСНІ	PIC XX.	
16	00086	03	WEIGHT	PIC XXX.	
886	00087	03	HAIR	PIC X.	
66	000088	03	EYES	PIC X.	
100	68000	03	FILLER	PIC XXX.	
101	06000	03	FILLER	PIC X.	
102	16000	03	EXTS-1ND	PIC XX.	
103	00092	03	MARITAL-STAT	PIC X.	
104	66000	03	LAST-EXT-IND	PIC XX.	
105	00004	03	03 TTC	PIC XXX.	
106	56000	03	01-601-500	PIC S9(3) COMP-3.	
101	96000	03	TY-TST-FLG	PIC X.	
108	26000	03	AFOT - AOT - FRM	PIC XX.	
109	86000	03	AFQT-AQT-5CO	PIC XX.	
110	66000	03	AOT-FLG	PIC X.	

06/30/78	INPUT LIS	LISTING		AUTOFLCA CHART SET - SRS	EXTRACT UD-UP STATS
CARD NO	:			COLIENTS	:
	20100	03	REE'-L'IND	P1C xx.	
112	10100	03	FILLER	p:c xx.	
113	00100	03	TYPE-LV-SETT	PIC x.	
114	00103	03	KC-C-DATE	PIC 59(6) COEP-3.	
115	00103	03	KC-CYC-NO	PIC XXX.	
		EUECT			00000280
911		FD TRANS-OUT			00000290
1117		BLCCK CONTAINS 0	TAINS O		00000300
118		RECORD CON	RECORD CONTAINS 240		00000310
911		LIBEL REC	RECORDS STANDARD.		00000320
120	J	Of OUT-REC.			00000330
120	· INC	TRS010E0			00000340
121		02	02 TRS01080.		
122	60003	03	03 100	PIC XX.	
123	91000	03	DO-ACTION	PIC 5916) COMP-3.	
124	21000	03	P-FLAG	PIC X.	
125	61000	63	LEN-O-ENL	P1C x.	
126	61000	63	RACE	PIC X.	
127	00000	03	SEX	PIC X.	
128	00021	03	MID	PIC X(10).	
129	00002	03	INITS	PIC XXX.	
130	00023	03	DUTY-LMT	PIC XXX.	
131	00004	03	PRES-SP-GRD	PIC X.	

06/30	1	INPUT LISTING			AUTOFLOW CHART SET - SRS	EXTRACT JO-JP STATS
CARD NO		::		ช	CONTENTS	1
132		00025	03	PROF-PAY	PIC X.	
133		000056	63	CCN-LEG-AGR	P1C X.	
134		00027	03	FILLER	PIC X.	
135		00028	03	PRES-GRD	PIC XXX.	
136		00029	03	PRES-DOR	PIC 59(6) COVP-3.	
137		00000	03	10-0	PIC XXX.	
138		00031	03	PREV-GR-ST	PIC X.	
139		00032	03	44-0	РІС Χ.	
1.40		00033	63	0-CLA	PIC X.	
141		00034	03	FILLER	PIC X.	
142		00035	03	PREV-GD	PIC XXX.	
143		96000	03	PREV-DOR	PIC 59(6) COMP-3.	
144		00037	8	9-PICOS	PIC XXXX.	
145		000038	03	PEOS	PIC XXXX.	
146		60000	03	EAS-PLAN	PIC X(6).	
147		00040	03	EAS-ACTUAL	PIC X(6).	
148		00041	03	DO-BIRTH	PIC 59(6) COMP-3.	
149		00042	03	PE8D	PIC 59(6) COMP-3.	
150		00043	03	COMP-SCORE	PIC 59(5) COMP-3.	
151		000044	63	FILLER	PIC X.	
152		000045	63	DAT-CIB	PIC 59(6) COMP-3.	
153		000046	03	PRO-ENL-UND	PIC X.	
154		000047	03	DMOS	PIC XXXX.	

82/25/90	INPUT LISTING			AUTOFLOW CHART SET . SRS	EXTRACT JO-JP STATS
CASD NO	:		00	CONTENTS	:
155	00048	03	PRES-HUC	PIC X(5).	
156	00049	03	PRES-ICC	PIC XXX.	
157	00000	03	LEAVE-DUE	PIC 59(3) COMP-3.	
158	00051	03	CUR-SORS-ENT	PIC XXXX.	
159	00052	03	COMP-CODE	PIC XXX.	
160	00003	60	0-CMF-CD	PIC XXX.	
161	00054	03	NO-05P	PIC 59(2) COLP-3.	
162	00055	63	SEP-CODE	PIC XXX.	
163	00058	03	C-0-C0E	PIC X.	
164	00057	03	CIV-ED-YRS	PIC XX.	
165	00053	03	CIV-ED-LVL	PIC X.	
166	65000	03	FORM-FICC	PIC XXX.	
167	00000	03	COMBAI - SERV	PIC XX.	
168	19000	03	HOME-CITY	PIC XXXX.	
169	00062	03	HOME-STATE	PIC XX.	
170	50000	03	STRENGTH-CAT	P1C x.	
171	00064	03	AFAD-8D	PIC \$9(6) COMP-3.	
172	50000	03	CAREER-FLG	PIC X.	
173	000n6	83	VRB-M	PIC X.	
174	75000	03	VR8-9	PIC X.	
175	85000	03	C11-SI	PIC XX.	
176	69000	03	0N-00	PIC XXX.	
177	00000	03	FILLER	P.C X.	

96/30	INPUT LISTING			AUTOFLOW CHART SET - SRS	EXTRACT JD-JP STATS
CAHD NO	i		ō	CONTENTS	:
178	1000	63	CUR-DIY-SI	PIC X.	
179	000072	03	CASUALTY-ST	PIC X.	
180	00003	03	US-REC-ST	PIC X.	
181	2000	03	L-NAME	PIC X(20).	
182	000075	03	WSW	PIC X(10).	
183	92000	03	DO-ENL-ACC	PIC 59(6) COMP-3.	
184	200077	03	PER1-GRD	PIC XXX.	
185	87000	03	FILLER	PIC X.	
186	60000	93	CII-CNIRY	PIC XX.	
187	08000	03	0.PEF	PIC XX.	
188	18000	03	PROG-ENL-FOR	PIC XX.	
189	00082	8	ETHNIC	PIC X.	
190	000083	03	D00-3EP-C0DE	PIC X(5).	
191	00084	03	V-A-CODE	PIC XX.	
192	00085	83	нется	PIC XX.	
193	90000	03	WEIGHT	PIC XXX.	
4 0 1	00087	63	натя	PIC X.	
195	00008	03	EYES	PIC X.	
196	68000	8	FILLER	PIC XXX.	
197	06000	83	FILLER	PIC X.	
198	16000	8	EXTS-IND	PIC XX.	
199	000052	03	WARITAL-STAT	PIC X.	
200	00003	63	LAST-EXT-IND	PIC XX.	

EXTRACT JD-JP STATS	:												00000320	00000360	00000370	00000380	0600000	00000400	00000410	00000420	00000430	00000440	00000450	00000460
AUTOFLOW CHART SET . SRS	COLTENTS	TTC PIC XXX.	GT-GC1-SC0 P1C S9(3) COHP-3.	TY-TSI-FLG P.C X.	AFQT-AQT-FRM PIC XX.	AFQT-AQT-SCO PIC XX.	AOT-FLG PIC X.	REEAL-1110 PIC XX.	FILLER PIC XX.	TYPE-LV-SETT PIC X.	KC-C-DATE PIC S9(6) COUP-3.	KC-CYC-NO PIC XXX.			LABEL MECONDS ARE OMITTED	RECORDING MODE IS F.	ÿ	PIC X(133).		SECTION.	P1C 59(6) COMP-3.	PIC 59(6) COMP-3.	PIC 59(6) COMP-3.	PIC 59(6) COMP-3.
1565		03 1	03 6	03 1	03 A	03 4	03 4	03 8	03 F	03 1	03 x	03 K	EUECT	FD EGU-DISPLAY	LABEL ME	RECORDING	01 EOJ-DISPLAY-REC.	03 FILLER		RORKING-SIORAGE	77 JD-CTR	77 JP-CTH	77 OTHER-CTR	77 OUT-CIR
INPUT LISTING	:	46000	90000	95000	26000	86000	65000	00100	10100	00102	00103	60103					0				7	7	7	7
06/30/78	CA35 NO	201	202	203	204	205	206	207	203	209	210	211		212	213	214	215	216	217	218	219	220	221	222

06/30/78	INPUT LISTING	9	AUTOFLOW CHART SET - SRS	SRS EXTRACT JD-JP STATS
CARD NO	:		CONTENTS	1
223	77	ABEND-SWITCH	PIC 59 CO.:P-3.	00000470
224	5	0,00-010.		00000480
225		03 SERVICE-CODE	PIC X.	00000490
226		03 OLD-55N	PIC X(9).	00000200
227	60	WOHK-MID.		00000210
228		03 SERVICE-CODE	PIC X.	00000250
229		03 WORK-SSN	PIC X(9).	00000230
230	6	01.D-00-ACTION	PIC \$9(6) COWP-3.	00000540
231	0	TOP-LINES.		00000250
232		03 FILLER PIC X(51)	1) VALUE SPACES.	00000260
233		03 TUP-INFO PIC X(30)	O) VALUE SPACES.	00000570
234		03 FILLER PIC X(52)	2) VALUE SPACES.	00000260
225	01	LOW-LINES.		06900000
236		03 FILLER PIC X(39)	9) VALUE SPACES.	00900000
237		03 LUM-INFO PIC X(41)	1) VALUE SPACES.	00000610
238		03 FILLEP PIC X(4)) VALUE ' = '.	00000620
239		03 LOW-NUM PIC ZZ.	PIC 42.222.229.	0000000
240		03 FILLER PIC X(3	PIC X(39) VALUE SPACES.	00000640
241	10	DATE-LINE.		0000000
242		03 FILLER PIC X(11)	1) VALUE SPACES.	09900000
243		03 CUR-DAT PIC X(8).		00000670
244		03 FILLER PIC X(11)	1) VALUE SPACES.	000000
		EJECT		06900000

EXTRACT JD-JP STATS	:::	00000100	01400000	00000720	000000130	00000000	000000	00000160	00000010	000000180	06200000	00800000	00000810	00000820	00000000	00000840	00000820	09600000	00000870	0000000	06800000	006000000	01600000	00000000
INPUT LISTING	CONTENTS		PROCEDURE DIVISION.	PERFORM OPEN-ROUTINE THRU OPEN-ROUTINE-END.	READ-IN.	PEAFOHM TRANS-READ THRU TRANS-READ-END.	IF TCC OF IN-FEC = 'JD'	THEN PERFORM UD-EDIT THRU UD-EDIT-END	ELSE IF TCC OF IM-REC = 'JP'	THEN PERFORM UP. FOLT THRU	JP-EDIT-END	ELSE ADD 1 TO OTHER-CTR.	GO TO READ-IN.	JD-EDIT.	11 JU-CTP < 5 DISPLAY TRANSFERS EDIT ENCOUNTEREDY.	ADD 1 TO JD-CTR	459 1 TO OUT-CIR.	WRITE OUT-REC FROM IN-REC.	JD-ED17-END. EXIT.		JP-EDIT.	IF JP.CTR < 5 DISPLAY 'TURBULENCE EDIT ENCOUNTERED'.	ADD 1 TO UP-CTR.	ADD 1 TO OUT-CIR.
06/55/78	CAMD NO	245	2:5	247	2:39	249	250	251	252	253	254	255	256	257	258	259	260	261	252	263	254	265	266	267

EXTRACT UD-UP STATS	::	05600000	00000000	05600000	09600000	0000000	08600000	06600000	000010000	00001010	00001020	00001030	00001040	00001050	000010000	00001000	00001000	06010000	00011000	00001110	00001120	00001130	00001140	-END 00001150
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	WRITE OUT-REC FHOM IN-REC.	JP-EDIT-END. EXIT.		OPEN-ROUTINE.	DISPLAY 'OPEN ROUTINE ENCOUNTERED'.	OPEN INPUT TRAMS-IN.	OFEN OUTPUT TRANS-CUT, ECU-DISPLAY.	OPEN-ROUT-ALT.	MOVE ZERO TO JD-CTR.	MOVE ZERO TO UP-CTR.	MOVE ZERO TO OUT-CTR.	MOVE ZERO TO OIHER-CIR.	MOVE ZERO TO ABEND-SWITCH.	MOVE ZERO TO OLD-DG-ACTION.	MOVE LOW-VALUES TO OLD-MID, WORK-MID.	OPEN-ROUTINE-END. EXIT.	TRANS - READ.	READ TRANS-IN. AT END PERFORM EOU-ROUTINE	THRU EOJ-ROUTINE-END.	IF MID OF IN-REC = LOW-VALUES	THEN	PERFORM EDU-ROUTINE	PERFORM OPEN-ROUT-ALT THRU OPEN-ROUTINE-END
06/30/78	CAND NO	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	250

EXTRACT UD-UP STATS	:	00001160	00001170	00001180	00001190	00001200	00001210	00001220	00001230	00001240	00001250	00001260	00001270	00001280	. 00001290	00001300	00001310	. 00001320	00001330	00001340	00001350	. 00001360	00001370	00001360
INPUT LISTING AUTOFLOW CHART SET - SRS E	CONTENTS	GO TO TRANS-READ.	. MAY NEED ICC SEGUENCE CHECK HERE.		MID-OX.	MOVE WORK-MID TO GLD-SSM.	MOVE DO-ACTION OF IN-REC TO OLD-DO-ACTION.	TRANS-READ-ENT.	EQU-ROUTINE.	DISPLAY 'END OF JOE ENCOUNTERED'.	DISPLAY JD-CTR, ' ' ' JP-CTR, ' ' OTHER-CTR, ' ' '.	ABEND-SKIICH.	NOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO.	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING	TO-NEW-PAGE.	MOVE 'JOIN/TRANSFER EDIT/EXTRACTION' TO TOP-INFO.	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER	2 LINES.	MOVE CURRENT-DATE TO CUR-DAT.	MOVE DATE-LINE TO TOP-INFO.	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING	2 LINES.	IF ABEND-SWITCH = 0	THEN MOVE ' NORMAL END OF JOB ' TO
06/30/78	CARD NO	291	292	593	294	295	296	297	298	299	300	301	302	303	304	305	306	202	308	309	310	311	312	313

INPUT LISTING - SKS EXTRACT JD-JP STATS	CONTENTS	10P-1NF0 00001390	WRITE EQJ-DISPLAY-REC FROM TOP-LINES AFTER 00001400	ADVANCING 5 LINES GOOD1410	ELSE MOVE ' ABNORMAL END '' TO 00001420	TOP-INFO 00001430	WRITE EQJ-DISPLAY-REC FROM TOP-LINES AFTER 00001440	ADVANCING 5 LINES 00001450	MOVE ' SEQUENCE ERROR ' 10 00001460	TOP-INFO 00001470	WRITE EGU-DISPLAY-REC FROM TOP-LINES AFTER 00001480	ADVANCING 3 LINES. 00001490	MOVE 'NUMBER OF JOINED STAT RECORDS READ ' TO LOW-INFO.00001500	MOVE JD-CTR TO LOW-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00001520	5 LINES. 00001530	MOVE 'NUMBER OF TURBULENCE STAT RECORDS READ' TO LOW-INFO.00001540	MOVE JP-CIR TO LOW-NUM. 00001550	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00001560	2 LINES. 00001570	MOVE 'NUMBER OF OTHER STAT RECORDS READ ' TO LOW-INFO.00001580	MOVE OTHER-CTH TO LOW-NUM. 00001590	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00001630	2 LINES. 0C001610	
06/30/78	CARD NO	314	51.50	316	317	318	219	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	

SRS EXTRACT JD-JP STATS	•	TO LOW-INFO.00001620	00001630	ADVANCING CGGC1640	2 LINES. 000C1650	00001660	00001670	00001660	06910000
INPUT LISTING CHART SET . SRS	CC:.TENTS	MOVE 'TOTAL NUMBER OF STAT RECORDS OUTPUT ' TO LOW-IMFO.00001620	MOVE OUT-CTR TO LOW-NUM.	MRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING		EOJ-ALT-END.	CLOSE TRAMS-IN, TRANS-OUT, EOJ-DISFLAY.	STOP RUN.	EOJ-ROUTINE-END. EXIT.
06/30/78	CARD NO	337	338	339	340	341	342	343	344

3.4.4 Flowchart. The following chart is an AUTOFLOW charting of the SRSXJD logic.

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PROGRAM-1D SRSXUD

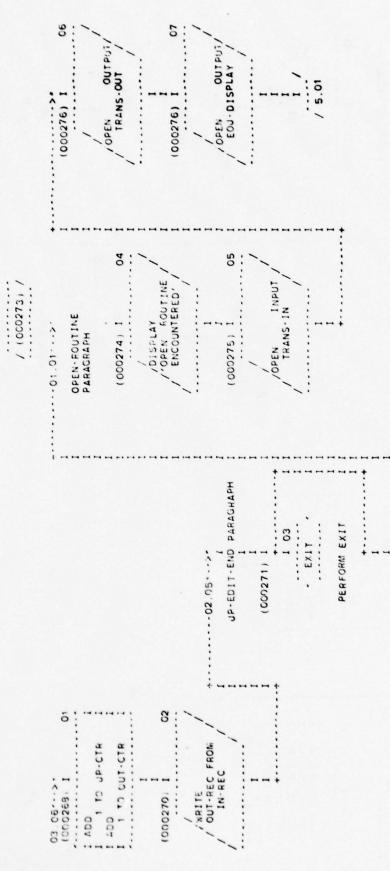
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- 148 -

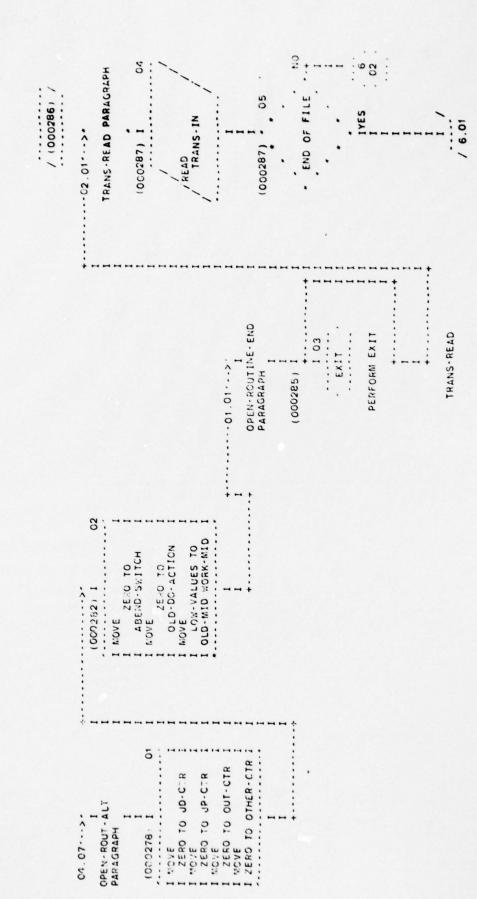
	(000257) 1 06	I ADD I I I O OTHER-CTR I I I O OTHER-CTR I I I I O OTHER-CTR I I I I O OTHER-CTR I I I I I I I I I I I I I I I I I I I	. 2.01. READ-IN	
	1 (000254) 7 04 TCC OF IN-REC	IYES	(000255) I 05 II I I PERFORM I 4I II I I JP-EDIT I I II IO I THROUGH I 0I II I I JP-EDIT-END I 3I II	
	(000252) * 02 II I (00 II) * 1CC OF IN-REC *	1 × E S	(000253) 1 03 1 1 1 PERFORM 1 31 10 1 THROUGH 1 01 11 1 JD-EDIT-END 1 51	2.07.
01.01> I READ-IN PARAGRAPH I (000251) I 01	1 1 PERFORM 1 71 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

/ (000566) /	UP-EDIT PARAGRAPH (000267)	/ 4.01
	ADD 1	
/ (000259) /	02.03> JO-EDIT PARAGRAPH (000260)	

OPEN-ROUTINE



- 151 -



TRANS-READ

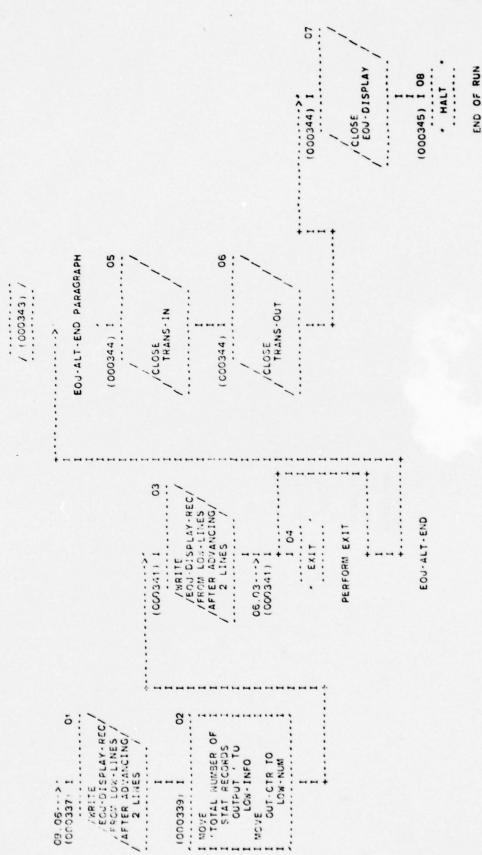
/ (000294) /

	5.04.	
	I I OPEN- I I ROUTINE-END I	
	DPERFORM 1 OPEN-BOUT- 1 ALT THROUGH	9
	10002021 1 04	:
	4	. IN-REC = I
	17 1 PERFORM : 01 1. 1 EOJ-ROUTINE : .1 10 1 10	(000289) 7 02 1
10.7 /		05.05>1
		2
SEQUENCE O		17 1 PERFORM 1 11 1. 1 EQU-90UTINE 1 1 10 1 THROUGH 1 01
06.02>1		05.05>7 (000287) 1 01

		(000304)		I STATISTICAL I	I RET	1	I			1 (0000305) 1 06	I	1 / 1817£	I /EOU-DISPLAY-REC/	1 / FROW TOP-LINES /	I /AFTER ADVANCING/	1 / TO-NEW-PAGE /				I (0000307) I C7	I	I MOVE I	I JOIN/TRANSFER I	I I EDIT/EXTRACTION' I	1 10 TOP-INFO 1		-	1	-	1 /		/ 8.01
/ (000000) /	***************************************	HONORAGE SWITTING -1.03	1		1 (000301) 1 03		1	I /DISPLAY /	1 00 05 008 /	1 / ENCOUNTERED' /	' ' ' '				1 (000302) 1 04		I /DISPLAY /	1 , 20-01/	1 / JP-C18 / 1	1 /OTHER-CTR ' ' /	I / ABEND-SHITCH /	I		•	1		•			••		
													02.01>		TRANS - READ - END	рараспарн	-		(600299) 1	*	1 02		T X LIX3 .	1	•	PERFORM EXIT I		*			***************************************	EOU-ROUTINE
	C6. C5>?	Total and NO. CIR			(000297) 1 01		1 2016	31	1 0.0-55M	1 2021	I 00-4CT10% 0F I	I IN-REC TO :	1 0LD-00-ACTION 1 +	I ,,		1 1	\$															

/ (000319) /	OB.04···>I OB.04···>I OB.04···>I OF I MOVE I ABNORMAL I	1	/WRITE /EOJ-DISPLAY-REC/ /FRCM TOP-LINES / /AFTER ADVANCING/ 5 LINES	I (000323) I 09 I MOVE I ERROR I I ERROR I I TOBLINGO I I	10.6 /
			(000315, I 05	1 , 1008 70 TOP-INFO I	/EDG. DISPLAY REC//FROM TOP-LINES//AFTER ADVANCING//S LINES//INS//S LINES//S LINES//
	(000312) 1 03 //WRITE //EDJSPLAY-REC/	/FROW TOP-LINES / /AFTER ADVANCING/ / 2 LIMES /	(000)314)	IYES 8 I	+
	07.07> (00.0308: 1 01 1	SPLAY-REC/ P-LINES / LINES /	MOVE MOVE	TOP-INFO I I	

08.09	.^		
(000325) 1 01	1 (000329, 1 03	I (0000333) I	3) 1 05
		· · ·	
/ SRITE /	I /wwite	/ I /WRITE	1E ,
/EOU-DISPLAY-REC/	I /EOU-DISPLAY-REC/	1 /607	EOJ-DISPLAY-REC/
/FROM TOP-LINES /	I /FRO: LOM-LINES /	I /FROM	/ FROW LOW-LINES /
/AFTER ADVANCING/	I /AFTER ADVANCING/	I /AFTER	/AFTER ADVANCING/
3 LINES /	I / S LINES /	1 / 21	2 LINES /
	I	1	
CB. CC>1		-	
(000327) I 02	I (000331) I 04	(000335)	90 1 1
,	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
MOVE	I NOVE	I MOVE	
I PO PERIOR	I 'NUMBER OF	I NUMBE	NUMBER OF OTHER
I TATE CHINED	I TURBULENCE STAT	I STAT	STAT RECORDS
RECORDS RELD . TO I	I RECORDS READ' TO	I I RE	READ ' TO
102-12:0	I LOW-INFO) I I	LOW - INFO
I E E E	I MOVE	I MOVE	
JO-CTR TO LOS NUM I	I JP-CTR TO LOW-NUM	I I OTHE	OTHER-CTR TO
,		1 1	TOM-NUM
-	I	I	
1	1		
*************	*********	+	I
			1 /
			/10 01



82/05/90

/ 19	Q		1	- :		 :		
/ (000346)	EOU-ROUTINE-END Paragraph	(000346)	10 1		EXIT .		PERFORM EXI	

3.4.5 Output. The output from this program will be a tape containing JD and JP transactions. The JD-type transactions are "joined" statistics and will be used to update the transfers area of the history file. The JP-type transactions will be used to update the turbulence area of the history records.

A sample of the printer output for program SRSXJD follows.

	STATISTICAL RETRIEVAL SYSTEM
	JOIN/TRANSFEX EDIT/EXTRACTION
	08/16/77
	NOPMAL END OF JOB
	MUMBER OF JOINED STAT RECORDS READ = 19.007
	NUMBER OF TURBULENCE STAT' RECORDS READ = 0
160	
-	TUTAL NUMBER OF STAT RECORDS OUTPUT = 19,007
	TM-
	604
	23
The same of the sa	

3.4.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution.

TM-60423

```
15719201 JOB (701R.MPI3). -- XJD-- CAPT JENKINS .TIME=3.TYPRUN=HOLD
                                                                         0000001
                                                                         000 2020
 JOBLIB DD DSN=HQMC1.MPI.LOADLIB.DISP=SHR
                                                                         000 3030
            EXEC PGM=IEHPROGM.REGION=80K
 STEPONE
 SYSPRINT DD SYSOUT=A
                                                                         00000040
                                                                         0000005
 SYSCUT DO SYSCUT=A
 SYSIN DD *
                                                                         00000060
 UNCATLG DSNAME=HQMC1.MPI2.C1080.SRSXJDN
                                                                         0000007
                                                                         0000008
                                                                         0000009
   EXEC LCOBUCLG. OFF=MPI1. SECT=RETRV.
   PARM.COB=(LIB.NODECK.LOAD.NODMAP.NOPMAP.SUPMAP.NOXREF.STATE.SXREF.
                                                                         0000010
               "SIZE=114K" . "BUF=16K").
                                                                         0000011
      REGION.LKED=90K.
                                                                         00000121
      REGION.GO=200K
                                                                         00000136
ILIB.SYSIN DD +
                                                                         00000141
                                                                         0000015
OPT NOLIST
     SRSXJD,Q558,EXEC
                                                                         0000016
SEL
                                                                         0000017
END
                                                                         0000018
*
                                                                         0000019
//COB.SYSIN DD DSN=EEL IBTEMP
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR
                                                                         0000050
                                                                         0000021
//LKED.SYSLIB DD
                                                                         0000022
"
                                                                         5500000
      00
"
          DSN=HQMC1.AP12.MMSLIB.DISP=SHR
                                                                         4500000
      DD
                                                                         0000025
/*
              DD SYSOUT=A.DCB=(RECFM=UA.BLKSIZE=133)
                                                                         0000025
//GO.SYSPRINT
                                                                         00 027
//GO.SYSOUT
              DD
                  SYSOUT=A
                                                                         9500000
//GD . SY SUDUMP
              DD SYSGUT=A
                                                                         200000
//GD.SYSDBOUT
               DD SYSOUT=A
//GO.TRJDIN DD DSN=HQMC1.AP71.C1790.PS14GTJH.G7803V00.DISP=OLD
                                                                         00000
//GO.JDOUT DD DSN=HQMC1.MPI2.C1080.SRSXJDN.
                                                                         00000
"
                                                                         000003
      UNIT=2400-3.
"
                                                                         000003
      DCB=(RECFM=FB.LRECL=240.BLKSIZE=2400).DISP=(NEW,CATLG.DELETE)
                                                                         0000034
// EXEC IELEASE, PARM= 15719211'
                                                                         0000035
                                                                         000003
/*
                                                                         0000037
11
```

- $\underline{\text{Note 1.}}$ The DSNAME in the uncatalog statement (line 70) must be the same as the DSN in the JDOUT DD statement (line 310).
- Note 2. The DSN in the TRJDIN DD statement (line 300) must be the name of the current transaction file containing the TR-, JD-, JP-type transactions.

3.4.7 Program Maintenance. The following fields are used by this program Any changes to these fields in TRS may affect this program.

NAME DESCRIPTION

TCC Type change code
DO-ACTION Date of action
MID Marine identification number

If program changes are necessary, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit, and replace the original load module in LOADLIB.

[Here ()	
//15703102 JOB (601R.MPI2). COMP & LKED SRSXJD .TIME=(00,50)	00000010
"/ EXEC LCOBUCL.OFF=MPI1.SECT=RETRV.LLIB=LOADLIB.ROOM=MPI.	00000020
// LMEM=SRSXJD	00000030
//LIB.SYSIN DO *	00000040
OPT NOLIST	00000050
SEL SRSXJD. 055B. RESEQ. EXEC	00000060
PEND	99999999
/*	00000030
//COB.SYSIN DD DSN=&&LIBTEMP	00000090
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR	00000100
/*	00000110
//LKED.SYSLIB DD	00000120
// 00	00000130
// DD DSN=HQMC1.AP12.MMSLIB.DISP=SHR	00000140
/*	00000150
//	00000160

- 3.5.1 Merge XJD and X239 Output. This job is a three-step process. All of the steps use Syncsort. The first two steps are sorts and the last step is a merge of the outputs of the first two steps.
- 3.5.2 Input. The input to the first step is the tape that was output from SRSXJD. The input to the second step is the tape that was output from SRSX239.
- 3.5.3 Output. The output will be a tape that contains all the transactions (JP, JD, and regular stats) that will be used in the update process. The transactions will be sorted on MID (major sort) and date of action (minor).

A sample of the printer output for the "merge XJD and X239 output" process follows.

				гм-60423	
.52.21					
REL 2.08N DAYE=77/231 TIME=06.52.21					
REL 2.08N DATE					
SPAT FIELDS=(11,10,CH,4,3,4,PO,A,1,1,CH,D)					
SOPYRIGHT WHITLO					-
111-AND-A-HALF (,		
SPING SORT I	- 167	-			

					Ţ	M-60	423	
								0
								-
	LEP1							
4/USED=	74 EFG 03212,S							
TOR PA	17 1203 6739ABCD M, CS7							
LIDG FAC	3374, 0U ED H2345 T OPT=							-
SORT PH	RCO IN 123374, OUT 120374 LPF: S. APPLIED H23456789ABCDEFG END SYNCSORT OPT= M, C5703212,STEP1							
								0
NFR0451	MERO541 AER1591 MERO521	-	168 -					

			TM-604	23
*:				
DATE=77/231 TIME=07.14.54				
IE=77/231				
KEL 2.08N DA				
ITER SYSTEMS, INC. 1976				
TER SYSTE				
OW COMPU				
JOHT WHITE				
ALF COPYR				
1-MD-A-H				
SYNCSORT III-MO-A-HALF COPYRIGHT WHILOW COMPUSORT FIELDS=[11:10:CH;A:3,4:P0;A:1:1:CH:D)				
SY	- 169 -			

		TM-60	423
£0=1.8			
END SORT PH 184 OVER-ALLOC EACTOR= PRIM/USED=1.8 185 OUT 222668 10F:S. APPLIED H2345678943CDEFG END SYNCSORT OPT= M, C5703212,STEP2			
NER 04 51 6 WER 12 A1 1 WER 16 41 R WER 16 91 1	- 170 -		

			тм-6	0423	
39					
31 TIME=08.42.					
REL 2.08N DATE=77/231 TIME=08.42.39					
			÷		
4417LOW COMPUTER SYSTEMS, INC. 1976 1,1,5,CH,D) 3942 CDEFG 57 032 12,STEP 7					
CH.D)					
COPYRIGHT KAITA 12345 PD1421 196 001 343042 123456 7894 RCD EF 0PT CS7 033					
SYNCSORT III-AND-A-HALF COPYRIGHT WAITLOW COMPU 453.GF FIELDS=[11,10,CH,A,3,4,PD,A,1,1,CH,D) FFROS4T ACD IN HERDS4T PE'S APPLIED H23456789ARCDEFG HERDS2T END SYNCSORT DPT= , C5703212,STEP7					
SYNCSOAT 111- MES GE FIELOS- WFR 0541 ACD MES 1691 IPE- MES 1691 IPE- MES 0521 END					

3.5.4 Job Control Language for Execution of Process. The following listing shows the complete set of JCL and control cards necessary for this sort/merge execution.

```
//15719211 JOB (701R, MPI3), JENKINS-SM XJD-X239, TIME=5.
                                                                          00000010
       TYPRUN=HOLD
"
                                                                          00000020
   TEPONE
            EXEC PGM=IEHPROGM.REGION=80K
                                                                          00000030
//SYSPRINT DD SYSOUT=A
                                                                          00000040
//SYSOUT DD SYSOUT=A
                                                                          00000050
//SYSIN DD *
                                                                          00000060
UNCATLG DSNAME=HOMC1.MPI2.C1080.SRSN.SORTSTAT
                                                                          00000070
1*
                                                                          00000080
//STEP1 EXEC PGM=IERRCOOD.REGION=150K
                                                                          00000090
//SORTLIB DD DSN=SYS1.SGRTLIB.DISP=SHR
                                                                          00000100
//SYSUDUMP DD SYSOUT=A
                                                                          00000110
//SYSOUT DD SYSOUT=A
                                                                          00000120
//SORTIN DD DSN=HQMC1.MPI2.C1080.SRSXJDN.DISP=OLD
                                                                          00000130
//SORT WKO1 DD UNIT=SYSDA.SPACE=(CYL.(075))
                                                                          00000140
//SORTWKO2 DD UNIT=SYSDA, SPACE={CYL, (075)}
                                                                          00000150
//SDRTWKO3 DD UNIT=SYSDA, SPACE=(CYL, (075))
                                                                          00000160
//SORTWK04 DD UNIT=SYSDA.SPACE=(CYL,(075))
                                                                          00000170
//SORTWK05 DD UNIT=SYSDA.SPACE=(CYL.(075))
                                                                          00000180
//SORTWKO6 DD UNIT=SYSDA, SPACE=(CYL, (075))
                                                                          00000190
//SURTOUT DD DSN=&JD.DISP=(NEW.PASS),
                                                                          00000200
// UNIF=2400-3,DCB=(RECFM=FB.LRECL=240.BLKSIZE=2400)
                                                                          00000210
//SYSIN DD *
                                                                          00000220
SORT FIELDS=(11.10.CH.A.3.4.PD.A.1.1.CH.D)
                                                                          00000230
/*
                                                                          00000240
//STEP2 EXEC PGM=IERRCOOO+REGION=150K
                                                                          00000250
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                          00000260
//SYSUDUMP DD SYSOUT=A
                                                                          00000270
//SYSOUT DD SYSOUT=A
                                                                          00009280
                                                                          000002290
//SDRTIN DD DSN=HQMC1.MPI2.C1080.SRSX239N.DISP=OLD
//SORTWK01 DD UNIT=SYSDA.SPACE={CYL.{075}}
                                                                          00000300
//SDRTWK02 DD UNIT=SYSDA, SPACE=(CYL, (075))
                                                                          00000310
//SORT WKO3 DD UNIT=SYSDA.SPACE=(CYL.(075))
                                                                          00000320
//SORTWKO4 DD UNIT=SYSDA.SPACE=(CYL.(075))
                                                                          00000330
                                                                          00000340
//SORTWK05 DD UNIT=SYSDA.SPACE={CYL.{075}}
//SORTWK06 DD UNIT=SYSDA.SPACE=(CYL.(075))
                                                                          00000350
//SORTOUT DO DSN=8X239.DISP=(NEW.PASS).
                                                                          00000360
                                                                          00000370
    UNIT=2400-3,DCB={RECFM=FB,LRECL=240,BLKSIZE=2400}
//SYSIN DD *
                                                                          00000380
SORT FIELDS=(11,10,CH,A,3,4,PD,A,1,1,CH,D)
                                                                          00000390
1*
                                                                          00000400
//STEP7 EXEC PGM=IERRCQOO.REGION=150K
                                                                          00000410
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                          0500000
//SYSUDUMP
            DD SYSOUT=A
                                                                          00000430
                SYSOUT=A
                                                                          00000440
//SYSOUT
            DD
//SORTING1
            DD
               DSN=&JD.DISP=(CLD.DELETE)
                                                                          00000450
//SORTING2 DD DSN=6X239.DISP=(OLD.DELETE)
                                                                          00000460
           DD DSN=HQMC1.MP12.C1080.SRSN.SORTSTAT.
                                                                          00000470
//SORTOUT
       DISP=(.CATLG.DELETE).UNIT=2400-3.
                                                                          00000480
11
                                                                          00000490
"
       DCB=(RECFM=FB.LRECL=240.BLKSIZE=2400)
//SYSIN DD *
                                                                          00000500
                                                                          00000510
 MERGE FIELDS=(11.10.CH.A.3,4.PD,A,1.1,CH.D)
                                                                          00000520
1*
    EXEC IELEASE . PARM= 15719221
                                                                          00000530
                                                                          00000540
                                                                          00000550
```

- Note 1. The DSNAME in the uncatalog statement (line 70) should be the same as the DSN of the SORTOUT DD statement of the merge step (line 470).
- Note 2. The DSN in the SORTIN DD statement of the first sort step (line 130) should be the same as the name of the output file of SRSXJD.
- Note 3. The DSN in the SORTIN DD statement of the second sort step (line 290) should be the same as the name of the tape output file of SRSX239.

3.5.5 Process Maintenance. The following are the sort fields used in this process.

NAME	DESCRIPTION
MID	Marine identification number
DO-ACTION	Date of action
Col. 1	First character of TCC

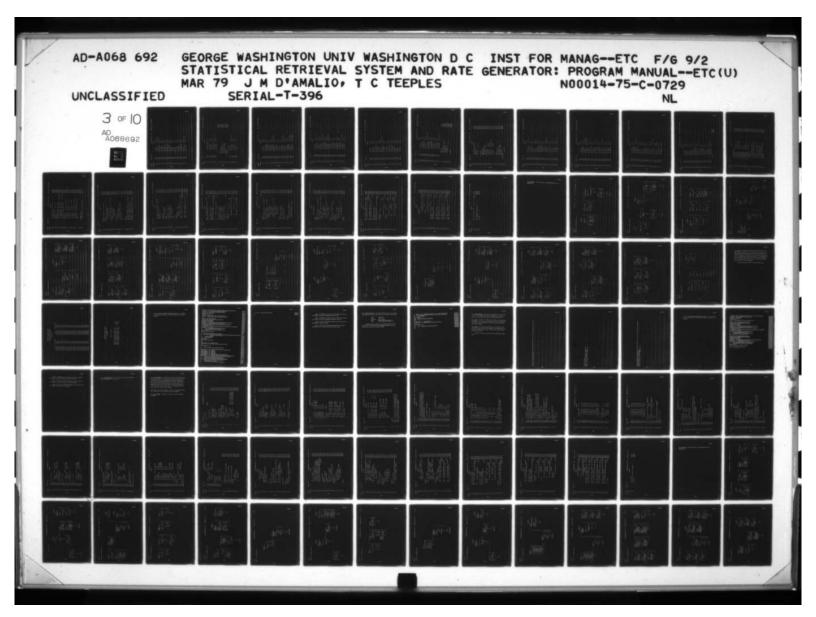
- 3.6.1 Program SRSTSSN. The first step of this job sorts the disk input from SRS239 into old MID order. The disk data records contain both an old and a new MID as a result of the R1-AN transaction records for SSN changes. The old MID will be matched against the current transaction file and when a match is found, the new MID will replace the old MID of the transaction record. The changed transaction record will be written onto a separate (disk) output since it will no longer be in the correct sequence. The unchanged records are written onto a tape in their original sequence.
- 3.6.2 Input. This job uses two inputs. One input comes from the "sort/merge XJD and X239 output" process. The other input is the STATUP disk data set from SRS239.
- 3.6.3 Source Program. Following is a listing of the source statements for SRSTSSN.

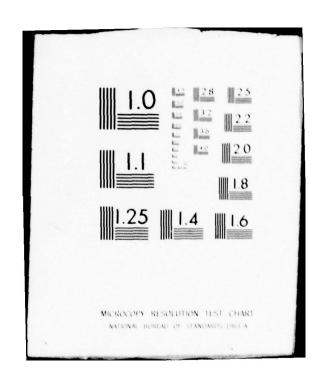
COBOL MODULE	(LIST.CHART.PARM)					
CARD NO	· · ·	CONTENTS			•	
	CPTION AUXLIST=YES					
					00000000	
	IDENTIFICATION DIVISION.				00000000	
7	PROGRAM-ID. SRSTSSN.				00000000	
3	AUTHOR. TOM TEEPLES.				00000000	
4	DATE-COMPILED.				000000000	
S					09000000	
9	ENVIRONMENT DIVISION.				00000000	
1	CONFIGURATION SECTION.				00000000	
00	SOURCE-COMPUTER. IBM-360-H65.	5.			06000000	
6	CBJECT-COMPUTER. 18M-360-H65	5.			000000100	
10	SPECIAL-NAMES.				000000110	
111	CO1 IS TO-NEW-PAGE.				000000120	
12	1%PUT-GUTPUT SECTION.				000000130	
13	FILE-CONTROL.				00000140	
14	SELECT EOJ-DISPLAY.	A5516R	10	UR-1403-5-SYSPRINT.	000000120	
15	SELECT IN-SSN-CHG.	455164	5	UT - 2400 - S - SSNCHGIN	00000160	
16	SELECT IN-TRANS.	ASS16#	5	UT-2400-S-STATSIN.	000000110	
17	SELECT OUT-TRANS.	A551G1.	0	UT-2400-S-STATSOUT.	00000180	
18	SELECT OUT-CHG.	ASSIGN	5	UT-2400-5-CHGSTATS.	06100000	
19	SELECT ERR-OUT.	ASSIGN	2	UR-1403-S-ERRMESSG.	00000000	
	100.0					

UPDATE STATS WITH WID CHANGE	•••	0000000	60000230	00000340	00000250	0000000	00000270	00000080	0000000	00000000														
AUTOFLOW CHART SET - SRS L	CONTENTS											PIC XX.	PIC 59(6) COMP-3.	Pic x.	PIC X	PIC X.	PIC X.	PJC X110).	PIC XXX.	PIC KKK.	PIC X.	P.C X.	PIC.X.	PIC X.
			A.			MIAINS O	INTAINS 240	RECORDS STANDARD.		•	02 TR501080.	03 TCC	03 DO-ACTION	03 P-FLAG	03 LEN-0-ENL	03 RACE	03 SEX	03 MID	03 INITS -	03 DUTY-LMI	03 PRES-SP-GRD	03 PROF-PAY	03 CON-LEG-AGR	O3 FILLER
INPUT LISTING			DATA DIVISION	FILE SECTION.	FD IN-TRANS	BLOCK CONTAINS	RECORD CONTAINS	LABEL RE	OI IN-REC.	-11.0 15501080	02	000015	00016 0	0 21000	0 21000	000013	00020	00021	00022	000023	00024	00025	00026 0	000027 0
08/22/77 INPU	CARD NO	50	21	22	23	24	25	26		27 -1	28	29 00	00 00		23 00	.33	24 000	25 00	26 00	27 00	28	.65	40 00	41 00

CARD NO	00025 00025 000020 000031 000034 000036 000036 000038 000038 000040 000040 000041 000042		PRES-GRD PRES-DOR O-DL PREV-GR-ST O-PP O-CLA FILLER PREV-DOR O-PMOS PREV-DOR O-PMOS PREV-DOR DO-BIRTH PEUD COMP-SCORE FILLER DAT-CTB PRES-GRE FILLER	PIC XXX. PIC XXX. PIC XXX. PIC XX. PIC XX. PIC XXX. PIC XXX. PIC XXXX. PIC XXXXX	
19	00047	03	DMOS	PIC XXXX.	
69 69	000048	03	PRES-RUC PRES-MCC	PIC X(5).	
49	05000	03	LEAVE - DUE	PIC 59(3) COMP-3.	

08/22/77	INPUT LISTING		AUTOFLOW CHART SET - SRS	UPDATE STATS WITH WID CHANGE
CARD NO	:		CONTENTS	•
65	00051	03 CUR-SORS-ENT	PIC XXXX.	
99	00052	O3 COMP-CODE	PIC XXX.	
67	00053	03 0-CMP-CD	PIC XXX.	
. 89	00054	O3 NO-DEP	PIC 59(2) COM0-3.	
69	95000	03 SEP-CODE	PIC XXX.	
70	00056	03 C-D-CDE	PIC X.	
11	00057	03 CIV-ED-YRS	PIC XX.	
. 22	00058	03 CIV-ED-LVL	PIC X.	
73	00000	03 FORM-MCC	Pic xxx.	
74	09000	03 CCMBAT-SERV	PIC XX.	
25	000061	03 HOME-C11Y	PIC XXXX.	
92	29000	03 HOME-STATE	PIC XX.	
112	00063	03 STRENGTH-CAT	PIC X.	
1 78	0006-4	03 AFAD-8D	PIC 59(6) COMP-3.	
79	90000	03 CAREER-FLG	PIC X.	
08	99000	03 VRB-M	PIC X.	
81	:5000	03 VRB-P	PIC X.	
82	000063	03 C17-ST	PIC XX.	
83	69000	03 UD-NO	PIC XXX.	
84	. 00070	03 FILLER	PIC X.	
85	12000	03 CUR-DIV-ST	PIC X.	
98	00072	03 CASUALTY-ST	PIC X.	
87	00073	03 UD-REC-ST	P1C X.	





CARD NO ***** CONTENTS 88 0.0077 0.3 L-NAME P.IC X.1201. 99 0.0077 0.3 MSN P.IC X.101. 90 0.0077 0.3 Do-ENL-ACC P.IC XX.1 91 0.0077 0.3 PERM-GRD P.IC XX. 92 0.0078 0.3 CT-CMPRY P.IC XX. 94 0.0062 0.3 CT-CMPRY P.IC XX. 95 0.0081 0.3 PERM-GRD P.IC XX. 96 0.0082 0.3 DO-SEP-CODE P.IC XX. 98 0.0083 0.3 DE-FILLER P.IC XX. 10 0.0085 0.3 HEIGHT P.IC XX. 10 0.0086 0.3 HEIGHT P.IC XX. 102 0.0089 0.3 HEIGHT P.IC XX. 103 0.0089 0.3 HILLER P.IC XX. 104 0.0099 0.3 FILLER P.IC XX. 104 0.0099 0.3 FILLER P.IC XX. 109 0.0099 0.3 FILLER P.IC XX. 109 0.0099<	08/22/77	INPUT LISTING			AUTOFLOW CHART SET - SRS UPDATE STATS WIT	WITH WID CHANGE
88 00074 03 L-NAME P.IC X120. 99 00075 03 MSN PIC X110. 91 00070 03 DO-ENL-ACC PIC X110. 92 00074 03 FILLER PIC XXX. 93 00079 03 CIT-CNTRY PIC XXX. 94 0006C 03 CIT-CNTRY PIC XXX. 95 00081 03 CIT-CNTRY PIC XXX. 96 00082 03 CIT-CNTRY PIC XXX. 96 00084 03 CIT-CNTRY PIC XXX. 97 00083 03 CIT-CNTRY PIC XXX. 98 00084 03 CIT-CNTRY PIC XXX. 104 00083 03 CIT-CNTRY PIC XXX. 105 00084 03 CIT-CNTRY PIC XXX. 106 00089 03 CIT-CNTRY PIC XXX. 107 00089 03 CIT-CNTRY PIC XXX. 1	CARD NO			,	ONTENTS	
89 00075 03 MSN PIC X110 91 00070 03 DO-ENL-ACC PIC S916 92 00072 03 FILLER PIC XXX 93 00079 03 FILLER PIC XXX 94 0006C 03 O-PEF PIC XXX 95 00081 03 PRGG-ENL-FOR PIC XXX 96 00082 03 FIHNIC PIC XXX 98 00084 03 V-A-CODE PIC XXX 100 00085 03 HEIGHT PIC XXX 101 00086 03 HEIGHT PIC XXX 102 00089 03 HEIGHT PIC XXX 103 00089 03 HEIGHT PIC XXX 104 00089 03 HEIGHT PIC XXX 105 00099 03 FILLER PIC XXX 106 00099 03 HAST-EXT-IND PIC XXX 108 00099	88	00074		-NAME	P1C X(20).	
90 000076 03 DO-ENIL-ACC PIC \$30(6) 91 00077 03 PERM-GRO PIC \$XX. 92 00079 03 FILLER PIC \$XX. 93 00079 03 CIT-CNTRY PIC \$XX. 94 00062 03 CIT-CNTRY PIC \$XX. 95 00081 03 PROG-ENL-FOR PIC \$XX. 96 00082 03 ETHNIC PIC \$XX. 97 00083 03 ETHNIC PIC \$XX. 100 00085 03 HATR PIC \$XX. 101 00089 03 ETHER PIC \$XX. 102 00099 03 ETHER PRODUCT PIC \$XX. 104 00090 03 ETHER PRODUCT PIC \$XX. 105 00093 03 ETHER PRODUCT PIC \$XX. 108 00093 03 ETHER PRODUCT PIC \$XX. 109 00093 03 ETHER PRODUCT PIC \$XX.	88	00075		ISN	Pic X(10).	
91 00077 03 FERM-GRD PIC XXX 92 00078 03 FILLER PIC XX 93 00062 03 CIT-CNTRY PIC XX 94 00081 03 CIT-CNTRY PIC XX 95 00082 03 ETHNJC PIC XX 96 00083 03 ETHNJC PIC XX 98 00084 03 UEIGHT PIC XX 100 00085 03 UEIGHT PIC XX 101 00086 03 UEIGHT PIC XX 102 00089 03 UEIGHT PIC XX 103 00089 03 UEIGHT PIC XX 104 00089 03 UEIGHT PIC XX 105 00089 03 UEIGH PIC XX 106 00099 03 UEIGH PIC XX 107 00099 03 UEIGT-STATI PIC XX 108 00099 03	06	90000		30-ENL-ACC	19165	
92 00078 03 FILLER PIC XX. 93 00062 03 CIT-CNTRY PIC XX. 94 00062 03 O-PEF PIC XX. 95 00081 03 PROG-ENL-FOR PIC XX. 97 00083 03 BTHNIC PIC XX. 98 00084 03 V-A-CODE PIC XX. 100 00085 03 HEIGHT PIC XX. 101 00086 03 HEIGHT PIC XX. 102 00089 03 HEIGHT PIC XX. 103 00089 03 HILLER PIC XX. 104 00099 03 FILLER PIC XX. 105 00099 03 FILLER PIC XX. 106 00099 03 LAST-EXT-IND PIC XX. 107 00099 03 LAST-EXT-IND PIC XX. 109 00099 03 TIC PIC XX. 109 00099 <td>16</td> <td>00017</td> <td></td> <td>ERM-GRD</td> <td>PIC XXX.</td> <td></td>	16	00017		ERM-GRD	PIC XXX.	
93 00079 03 CIT-CNTRY PIC XX. 94 00085 03 0-PEF PIC XX. 95 00081 03 PROG-ENL-FOR PIC XX. 96 00082 03 ETHNIC PIC XX. 98 00084 03 DOD-SEP-COBE PIC XX. 99 00084 03 HÉIGHT PIC XX. 100 00085 03 HÉIGHT PIC XX. 101 00086 03 HÉIGHT PIC XX. 102 00089 03 HÉIGHT PIC XX. 103 00089 03 FILLER PIC XX. 104 00099 03 FILLER PIC XX. 105 00099 03 FILLER PIC XX. 106 00099 03 FILLER PIC XX. 107 00099 03 LAST-EXT-IND PIC XX. 108 00099 03 LAST-EXT-IND PIC XX. 109 00	92	9000		TILLER	PIC X.	
94 0006C 03 PRGG-ENL-FOR PIC XX. 95 00082 03 ETHNIC PIC XX. 96 00083 03 ETHNIC PIC XX. 98 00084 03 V-A-CODE PIC XX. 99 00085 03 HÉIGHT PIC XX. 100 00086 03 HÉIGHT PIC XX. 101 00087 03 HÉIGHT PIC XX. 102 00088 03 HÉIGHT PIC XX. 103 00089 03 FILLER PIC XX. 104 00089 03 FILLER PIC XX. 105 00099 03 FILLER PIC XX. 106 00093 03 LAST-EXT-IND PIC XX. 107 00093 03 LAST-EXT-IND PIC XX. 108 00093 03 CACT-SCO PIC XX. 109 00093 03 TY-TST-FLG PIC XX. 109 0	93	00000		IT-CNTRY	PIC XX.	
95 000081 03 PROG-ENL-FOR PIC XX. 96 000082 03 ETHNJC PIC XX. 97 000084 03 DOD-SEP-CODE PIC XX. 98 000085 03 V-A-CODE PIC XX. 100 00086 03 WEIGHT PIC XX. 101 00087 03 WEIGHT PIC XX. 102 00089 03 WEIGHT PIC XX. 103 00089 03 EYES PIC XX. 104 00099 03 FILLER PIC XX. 105 00099 03 FILLER PIC XX. 106 000992 03 EXTS-IND PIC XX. 107 000993 03 LAST-EXT-IND PIC XX. 109 000994 03 1TC PIC XX. 109 000095 03 1TC PIC XX. 109 000096 03 1TC PIC XX. 109 000097	96	C8000)-PEF		
96 00083 03 ETHNIC PIC X: 97 00083 03 DOD-SEP-CODE PIC XX: 98 00084 03 V-A-CODE PIC XX: 100 00085 03 HÉIGHT PIC XX: 101 00087 03 HAIR PIC XX: 102 00089 03 FILLER PIC XX: 103 00099 03 FILLER PIC XX: 105 00091 03 FILLER PIC XX: 106 00092 03 RATIAL-STAT PIC XX: 107 00093 03 LAST-EXT-IND PIC XX: 108 00093 03 LAST-EXT-IND PIC XX: 109 00093 03 GT-GT-SCO PIC XX: 109	95	. 00081		ROG-ENL-FOR		
97 000083 03 V-A-CODE PIC XK5). 98 000085 03 V-A-CODE PIC XX. 99 000085 03 HÉIGHT PIC XX. 100 000080 03 HAIR PIC XX. 103 000080 03 FILLER PIC XX. 104 000090 03 FILLER PIC XX. 105 000091 03 FILLER PIC XX. 106 000092 03 MARITAL-STAT PIC XX. 107 000093 03 LAST-EXT-IND PIC XX. 108 000094 03 TIC PIC XX. 109 000095 03 TTC PIC XX. 109 000096 03 TTC PIC XX. 110 000096 03 TTC PIC XX. 109 000096 03 TTC PIC XX. 110 000096 03 TTC PIC XX. 100 000096	96	00082		THNIC	PIC X.	
98 00084 03 v-a-code PIC XX. 99 00085 03 HÉIGHT PIC XX. 100 00086 03 HAIR PIC XXX. 102 00089 03 FILLER PIC XX. 103 00069 03 FILLER PIC XXX. 104 00090 03 FILLER PIC XXX. 105 00092 03 EXTS-IND PIC XXX. 106 00093 03 EXTS-IND PIC XX. 107 00093 03 LAST-EXT-IND PIC XX. 108 00093 03 TTC PIC XXX. 109 00095 03 TT-TST-FLG PIC XX. 110 00095 03 TY-TST-FLG PIC XX.	97	00083		100-SEP-CODE	PIC X(5).	
99 00085 03 HÉIGHT PIC XX. 100 00086 03 WEIGHT PIC XXX. 101 00087 03 HAIR PIC XX. 102 00089 03 EYES PIC XX. 103 00069 03 FILLER PIC XX. 104 00050 03 FILLER PIC XX. 105 00092 03 EXTS-IND PIC XX. 106 00092 03 MARITAL-STAT PIC XX. 108 00093 03 LAST-EXT-IND PIC XX. 108 00093 03 TTC PIC XX. 109 00095 03 GT-GCT-SCO PIC XX. 110 00096 03 TY-TST-FLG PIC X.	86	00084		-A-CODE	PIC XX.	
100 00086 03 WEIGHT PIC XXX. 101 00087 03 HAIR PIC X. 102 00088 03 EYES PIC X. 104 00099 03 FILLER PIC XXX. 105 00099 03 EXTS-IND PIC XX. 106 00092 03 MARITAL-STAT PIC XX. 107 00093 03 LAST-EXT-IND PIC XX. 108 00093 03 LAST-EXT-IND PIC XX. 108 00094 03 TTC PIC XX. 109 00095 03 TTC PIC XX. 110 00096 03 TY-TST-FLG PIC X.	66	00085	883	IÉ1GHT	PIC XX.	
00085 03 HAIR PIC X. 00089 03 FILLER PIC XX. 00090 03 FILLER PIC XX. 00091 03 FILLER PIC XX. 00092 03 EXTS-IND PIC XX. 00092 03 MARITAL-STAT PIC XX. 00093 03 LAST-EXT-IND PIC XX. 00094 03 TTC PIC XX. 00095 03 TY-TST-FLG PIC XX.	Ī	98000		E 1GHT	PIC XXX.	
00089 03 FILLER PIC XX. 00090 03 FILLER PIC XX. 00091 03 EXTS-IND PIC XX. 00092 03 MARITAL-STAT PIC XX. 00093 03 LAST-EXT-IND PIC XX. 00094 03 TTC PIC XX. 00095 03 TY-TST-FLG PIC XX.	101	00087		AIR		
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00099 03 FILLER PIC X. 00091 03 EXTS-IND PIC XX. 00092 03 MARITAL-STAT PIC X. 00093 03 LAST-EXT-IND PIC XX. 00094 03 TIC PIC XX.	103	68000		ILLER	PIC XXX.	
00091 03 EXTS-IND PIC XX. 00092 03 MARITAL-STAT PIC X. 00093 03 LAST-EXT-IND PIC XX. 00095 03 TTC PIC XX. 00095 03 TY-TST-FLG PIC SO(3)	104	G6000		ILLER	PIC X.	
000092 03 MARITAL-STAT PIC X. 000093 03 LAST-EXT-IND PIC XX. 000094 03 TTC PIC XXX. 000095 03 GT-GCT-SCO PIC S9(3)	105	16000		XTS-IND	PIC xx.	
000093 03 LAST-EXT-IND PIC XX. 000094 03 TIC PIC XXX. 000095 03 GT-GCT-SCO PIC S9(3) 000096 03 TY-TST-FLG PIC X.	106	00092		MARITAL-STAT	Pic x.	
. 000094 03 TIC PIC XXX. 000095 03 GT-GCT-SCO PIC S9(3) 000096 03 TY-IST-FLG PIC X.	. 107		2000	AST-EXT-IND	PIC XX.	
03 GT-GCT-SCO PIC 59(3) 000006 03 TY-TST-FLG PIC X.	108	00004	300	.10	PIC XXX.	
0000G 03 TY-TST-FLG PIC	109	\$6000	03 0	17-GCT-SC0		
	110	90000		Y-TST-FLG	P1C X.	

CAMEN 3 COMPENS S CONTENTS 111 000027 0.3 4701-401-FMM PIC XA. 113 000020 0.3 4701-401-FMM PIC XA. 114 00107 0.3 4701-401-FMM PIC XA. 115 00101 0.3 4701-401-FMM PIC XA. 116 00102 0.3 4701-401-FMM PIC XA. 117 00103 0.3 1706-101-FMM PIC XA. 118 00104 0.3 1706-101-FMM PIC XA. 119 00104 0.3 1706-101-FMM PIC XA. 110 0.0104 0.3 1706-101-FMM PIC XA. 112 0.0104 0.3 1706-101-FMM PIC XA. 112 0.0104 0.3 1706-101-FMM PIC XA. 113 1.106 0.01-101-FMM PIC XA. 114 1.106 0.01-101-FMM PIC XA. 115 0.01-101-FMM PIC XA. PIC XA. 115 0.01-101-FMM PIC XA. PIC XA. 115 0.001-101-FMM PIC XA. PIC XA.	08/22/77	INPUT LISTING		AUTOFLOW CHART SET - SRS	UPDATE STATS WITH WID CHANGE
0000-5 0000-5 0000-5 0000-6 00	CM 0413			CONTENTS	
000000 003 40T-FLG PIC XX 000000 003 40T-FLG PIC XX 000101 003 40ERNL-1ND PIC XX 000102 003 774E-LV-SETT PIC XX 000103 003 774E-LV-SETT PIC XX 000104 003 774E-LV-SETT PIC XX 000105 003 774E-LV-SETT PIC XX ELECT ELECT 1 ELECT 1 A C C C C C C C C C C C C C C C C C C	111	25000			
000000 03 ACT-FLG PIC XX. 000101 03 FILLER PIC XX. 000103 03 FILLER PIC XX. 000103 03 FILLER PIC XX. 000104 03 MC-CYG-NO PIC XXX. EJECT FD OUT-TRANS BLOCK CONTAINS 0 RECORD	112	\$=,000			
00107 03 REENL-IND PIC XX. 00103 03 FILLER PIC XX. 00103 03 FYFE-LV-SETT PIC XX. 00104 03 KC-C-DATE PIC SGISI CCXT3. 00104 03 KC-C-CAMO PIC XXX. EJECT FD OUT-TPANS BLOCK CONTAINS 0 RECORD CONTAINS 0 RECORD CONTAINS 10 RECORD CONTAINS 0 RECOR	113	00000		PIC X.	
00101 03 FILLER PIC XX. 00102 03 TYPE-LV-SETT PIC X. 00103 03 KC-C-DATE PIC XX. 00104 03 KC-CYC-NO PIC XXX. EJECT FD OUT-TPANS BLOCK CONTAINS 0 RECORD CONTAINS 0 RECORD CONTAINS 240 LABEL RECORDS STANDARD. 01 OUT-REC1MC TRS01080. 02 TRS01080. 03 TCC PIC XX. 00015 03 PF-LAG PIC X. 00016 03 PF-LAG PIC X. 000017 03 FF-LAG PIC X. 000019 03 RACE PIC X.	114	90100		PIC XX.	
00103 03 TYPE-LV-SETT PIC X. 00103 03 KC-C-DATE PIC S3(8) CCCT3. 00104 03 KC-C-CANO PIC XXX. EJECT FD OUT-TPANS BLOCK CONTAINS 0 RECORD COLTAINS 240 LABEL RECORDS STANDARD. 01 OUT-REC. -1MC TRS01080 02 TRS01080. 00015 03 D-FLAG 00016 03 P-FLAG 00017 03 P-FLAG 00019 03 RACE 00020 03 SEX PIC X.	115	10100		PIC XX.	
00103 03 KC-C-DATE PIC SSIS) CCTT-3. EJECT FD QUT-TPANS BLOCK CONTAINS 0 RECORD CONTAINS 0 RECORD CONTAINS 0 1 ABEL RECORDS STANDARD. 01 OUT-REC. -1MC TRS01080 02 TRS01080. 00015 03 TCC PIC XX 00016 03 PFLMG PIC XX 00017 03 PFLMG PIC XX 00018 03 RACE PIC X. 00019 03 RACE PIC X.	116	00162		PIC X.	
EJECT FD OUT-TRANS BLOCK CONTAINS OF RECORD CONTAINS 240 LASEL RECORDS STANDARD. G1 OUT-REC. -1MC TRSO1080 Q2 TRSO1080. 00015	117	00103		PIC 59(6) CCTT-3.	
FD OUT-TPANS BLOCK CONTAINS O RECORD CONTAINS O LASEL RECORDS STANDARD. 01 OUT-REC. -1MC TRS01080 02 TRS01080. 00015 03 TCC PIC XX 00016 03 P-FLAG PIC X. 00019 03 RACE PIC X.	1.89	40100		PIC XXX.	
FD OUT-TPANS BLOCK CONTAINS O RECORD CONTAINS 240 LABEL RECORDS STANDAPD. 31 OUT-REC. -1MC TRSO1080 02 TRS01080. 00015 03 TCC PIC XX 00010 03 P-FLAG PIC X. 00010 03 RACE PIC X. 00012 03 SEX PIC X.		u	EJECT		000000310
FD QUITPANS BLOCK CONTAINS 0	119				000000350
#ECORD CONTAINS 240 LABEL RECORDS STANDARD. 21 OUT-REC. -INC TRS01080 02 TRS01080. 00015 03 TCC PIC XX 00015 03 P-FLAG PIC XX 00015 03 RACE PIC X. 00019 03 RACE PIC X.	120		OUT-TPAKS		000000330
#ECORD CONTAINS 240 LABEL RECORDS STANDARD. at out-REC. -INC TRSO1080 02 TRS01080. 03 TCC PIC XX 00015 03 P-FLAG PIC X. 00015 03 RACE PIC X. 00020 03 SEX PIC X.	121		BLOCK CONTAINS 0		00000340
149EL RECORDS STANDARD. 31 OUT-REC. -1MC TRSO1080 02 TRSO1080. 00015 03 TCC PIC XX 00016 03 P-FLAG PIC X. 00017 03 P-FLAG PIC X. 00019 03 RACE PIC X.	122				000000320
00015 03 TCC PIC XX 00016 03 DC-ACTION PIC XX 00016 03 P-FLAG PIC X 00019 03 P-FLAG PIC X 00019 03 RACE PIC X 00020 03 SEX PIC X	123		RECOPES		0900000
-1MC TRS01080 02 TRS01080. 00015 03 TCC 03 TCC 03 DC-ACTION 03 P-FLAG 00015 03 LEN-O-ENL 00019 03 RACE 00020 03 SEX PIC X.	124		OUT-REC.		00000310
02 TR\$01080. 00015 03 TCC 00016 03 P-FLAG 00018 03 LEN-O-ENL 00019 03 RACE 00020 03 SEX	124		1080		00000380
00015 03 TCC 00016 03 DO-ACTION 00017 03 P-FLAG 00018 03 LEN-O-ENL 00019 03 RACE 00020 03 SEX	125		02 18501080.		
00016 03 DO-ACTION 00017 03 P-FLAG 00018 03 LEN-O-ENL 00019 03 RACE 00020 03 SEX	.126	900015	03 TCC	PIC XX	
00013 03 P-FLAG 00013 03 LEN-O-ENL 00019 03 RACE 00020 03 SEX	127	91000	03 DO-ACTION	PIC 59,61 COMP-3.	
00018 03 LEN-O-ENL 00019 03 RACE 00020 03 SEX	128	21000		PIC X.	
00019 03 RACE 00020 03 SEX	129	00013	03 LEN-O-ENL	PIC X.	
00020 03 SEX	150	91000		PIC X.	
	151	00000		PIC X.	

MID INITS DUTY-LMT PRES-SP-GRD PROF-PAY CON-LEG-AGR FILLER PRES-GRD PRES-GRD PRES-GRD O-DL PREV-GR-SI O-PP O-CLA FILLER PREV-GR-SI O-PP O-CLA FILLER FREV-GR-SI EAS-PLAN EAS-PLAN		
00002: 03 INITS PIC XXX. 000023 03 INITS PIC XXX. 000024 03 DUTY-LMT PIC XXX. 000025 03 PRES-SP-GRD PIC XX. 000026 03 FILLER PIC XX. 000027 03 FILLER PIC XX. 000029 03 PRES-GRD PIC XXX. 000030 03 PRES-GRD PIC XXX. 000031 03 PRES-GRD PIC XXX. 000032 03 0-DL PIC XXX. 000033 03 0-PR PIC XXX. 000034 03 PREV-GD PIC XXX. 000035 03 PREV-GD PIC XXX. 000036 03 PREV-GD PIC XXXX. 000037 03 PREV-GD PIC XXXX. 000038 03 PREV-GD PIC XXXXX. 000039 03 PREV-GD PIC XXXXX. 000039 03 PRES-PLAN PIC XXXXX.	CONTENTS	
00022 03 INITS PIC XXX. 00023 03 DUTY-LMT PIC XXX. 00025 03 PRES-SP-GRD PIC XX. 00026 03 FILLER PIC XX. 00027 03 FILLER PIC XX. 00029 03 PRES-DOR PIC XX. 00031 03 PRES-DOR PIC XX. 00031 03 PRES-DOR PIC XX. 00033 09-DL PIC XXX. 00034 03 PREV-GA PIC XXX. 00035 03 PREV-GD PIC XXX. 00036 03 PREV-DOR PIC XXXX. 00037 03 PREV-DOR PIC XXXX. 00038 03 PREV-DOR PIC XXXXX. 000039 03 PREV-DOR PIC XXXXX. 000039 03 PREV-DOR PIC XXXXX. 000039 03 PRES-PLAN PIC XIED. 000409 03 PRES-PLAN PIC XIED.	OIM EO	
00023 03 DUTY-LMT PIC XXX 00025 03 PRES-SP-GRD PIC X. 00026 03 CON-LEG-AGR PIC X. 00027 03 FILLER PIC XX 00029 03 PRES-GRD PIC XXX 00031 03 PRES-DOR PIC XXX 00032 03 O-DL PIC XXX 00033 03 PREV-GR-ST PIC XX 00034 03 PILLER PIC XX 00035 03 PREV-GD PIC XX 00036 03 PREV-GD PIC XX 00035 03 PREV-GD PIC XXX 00036 03 PREV-GD PIC XXXX 00037 03 PREV-GD PIC XXXX 000038 03 PREV-GD PIC XXXX 000039 03 PREV-GD PIC XXXX 000039 03 PRES-PLAN PIC XIS 000049 03 PRES-PLAN PIC XIS	03 INITS	
00024 03 PRES-SP-GRD PIC X. 00025 03 PROF-PAY PIC X. 00026 03 CON-LEG-AGR PIC X. 00027 03 FILLER PIC X. 00029 03 PRES-GRD PIC XX. 00029 03 PODL PIC XXX. 00031 03 PODL PIC XXX. 00032 03 PODL PIC XXX. 00033 03 PREV-GB PIC XXX. 00034 03 PREV-GD PIC XXX. 00035 03 PREV-GD PIC XXXX. 00036 03 PREV-GD PIC XXXX. 00037 03 O-PMOS PIC XXXX. 00039 03 PROS PIC XXXX. 00049 03 PROS PIC XXXX. 00049 03 EAS-PLAN PIC XIGH.	O3 DUTY-LMT	
00025 03 PROF-PAY PIC X. 00026 03 CON-LEG-AGR PIC X. 00027 03 FILLER PIC X. 00029 03 PRES-GRD PIC XXX. 00031 03 PRES-DOR PIC XXX. 00032 03 PREV-GR-ST PIC XXX. 00033 03 PREV-GR-ST PIC XXX. 00034 03 PILLER PIC X. 00035 03 PREV-GD PIC XXX. 00036 03 PREV-GD PIC XXX. 00037 03 PREV-GD PIC XXXX. 00039 03 PREV-GD PIC XXXX. 00039 03 PROS PIC XXXX. 00049 03 PROS PIC XXXX. 00049 03 EAS-PLAN PIC XI61. 00040 03 EAS-PLAN PIC XI61.	03 PRES-SP-GRD	
00026 03 CON-LEG-AGR PIC X. 00027 03 FILLER PIC XX. 00029 03 PRES-GRD PIC XXX. 00020 03 PRES-DOR PIC XXX. 00031 03 PREV-GR-ST PIC XXX. 00032 03 PREV-GR-ST PIC XXX. 00033 03 PLLLER PIC X. 00034 03 FILLER PIC X. 00035 03 PREV-GD PIC XXX. 000036 03 PREV-DOR PIC XXXX. 000037 03 PRWOS PIC XXXX. 000039 03 PRWOS PIC XXXX. 000039 03 EAS-PLAN PIC X(F). 000040 03 EAS-PLAN PIC X(F).	03 PROF-PAY	
00027 03 FILLER PIC X. 00029 03 PRES-DOR PIC S916) 00029 03 O-DL PIC S916) 00031 03 O-DL PIC XXX. 00032 03 O-PP PIC XXX. 00033 03 O-CLA PIC X. 00034 03 FILLER PIC X. 00055 03 PREV-GD PIC XXXX. 00056 03 PREV-DOR PIC XXXX. 00059 03 PROS PIC XXXX. 000039 03 PROS PIC XXXX. 000039 03 PROS PIC XXXX. 000040 03 PROS PIC XXXX.	03 CON-LEG-AGR	
00029 03 PRES-GRD PIC XXX. 00029 03 0-DL PIC S946) 00031 03 0-DL PIC XXX. 00032 03 0-PP PIC X. 00033 03 0-CLA PIC X. 00034 03 FILLER PIC X. 00055 03 PREV-GD PIC XXX. 00056 03 PREV-DOR PIC XXXX. 00057 03 PREV-DOR PIC XXXX. 00058 03 PROS PIC XXXX. 000039 03 PROS PIC XXXX. 000039 03 PROS PIC XXXX. 000040 03 PROS-PLAN PIC X(6).	O3 FILLER	
00029 03 PRES-DOR PIC S916J 00031 03 0-DL PIC XXX. 00032 03 0-PP PIC X. 00033 03 0-CLA PIC X. 00034 03 FILLER PIC X. 00035 03 PREV-GD PIC XXXX. 00056 03 PREV-DOR PIC XXXX. 00058 03 PROS PIC XXXX. 000029 03 PROS PIC XXXX. 000039 03 EAS-PLAN PIC X(6). 00040 03 EAS-PLAN PIC X(6).	O3 PRES-GRD	
00030 03 0-DL PIC XXX. 00031 03 0-PP PIC X. 00032 03 0-PP PIC X. 00034 03 0-CLA PIC X. 00035 03 FILLER PIC X. 00035 03 PREV-GD PIC XXX. 00057 03 0-PMOS PIC XXXX. 00039 03 PMOS PIC XXXX. 00040 03 EAS-PLAN PIC X(6).	D3 PRES-DOR	, COMP-3,
00031 03 PREV-GR-ST PIC X. 00033 03 0-PP PIC X. 00034 03 FILLER PIC X. 00035 03 PREV-GD PIC XX. 00036 03 PREV-DOR PIC S9(6) 00037 03 PROS PIC XXXX. 00039 03 PROS PIC XXXX. 00040 03 PROS PIC XXXX. 00040 03 EAS-PLAN PIC X(6).	03 0.01	
00032 03 0-PP PIC X. 00034 03 0-CLA PIC X. 00035 03 FILLER PIC X. 00055 03 PREV-GD PIC XXX. 00057 03 PREV-DGR PIC XXXX. 00028 03 PROS PIC XXXX. 00049 03 EAS-PLAN PIC X(6). 00040 03 EAS-ACTUAL PIC X(6).	03 PREV-GR-ST	
00033 03 0-CLA PIC X. 00034 03 FILLER PIC X. 00035 03 PREV-GD PIC XXX. 00057 03 0-PMOS PIC XXXX. 00028 03 PMOS PIC XXXX. 00039 03 PMOS PIC XXXX. 00040 03 EAS-PLAN PIC X(6).	03 O-PP	
00034 03 FILLER PIC X. 00035 03 PREV-GD PIC XXX. 00037 03 0-PMGS PIC XXXX. 00038 03 PWGS PIC XXXX. 00039 03 PWGS PIC XXXX. 00040 03 EAS-PLAN PIC X(6).	03 0-014	
000035 03 PREV-GD PIC XXX. 000026 03 PAEV-DOR PIC 59(6) 000020 03 PWOS PIC XXXX. 000029 03 EAS-PLAN PIC X(6).	03 FILLER	
000057 03 PREV-DOR PIC 59(6) 000057 03 PMOS PIC XXXX. 000029 03 EAS-PLAN PIC X(6).	03 PREV-GD	
00037 03 0-PMOS 00028 03 PMOS 00029 03 EAS-PLAN 00049 03 EAS-ACTUAL	O3 PREV-DOR	COMP-3.
00028 03 PMOS 00039 03 EAS-PLAN 00040 03 EAS-ACTUAL	03 0-PM0S	
00039 03 EAS-PLAN	03 PMOS	
00040 03 EAS-ACTUAL	O3 EAS-PLAN	
	1040 03 EAS-ACTUAL PIC X(6).	
152 00041 03 DO-BIRTH PIC 59(6) COMP-3.	03 DO-BIRTH	, cowe-3.
153 00042 03 PEBD PIC 59(6) COMP-3.	O3 PEBD	
154 00043 03 COMP-SCORE PIC 59(5) COMP-3.	03 COMP-SCORE	

08/22/77	INPUT LISTING		AUTOFLOW CHART SET - SRS	UPDATE STATS WITH KID CHANGE
CARD NO	::		CONTENTS	•••
155	- 0004-	03 FILLER	PIC X.	
156	00045	03 DAT-CTB	P.C 59/6) COMF-3.	
157	0000	03 PRO-ENL-UND	PIC X.	
158	00047	03 04005	PIC XXXX.	
159	00040	03 PRES-RUC	PIC X(S).	
160	00043	03 PRES-MCC	PIC XXX.	
191	00000	D3 LEAVE-DUE	PIC 59(3) COMP-3.	
162	00051	03 CUR-SORS-ENT	PIC XXXX.	
163	00052	D3 CCMP-CODE	Pic xxx.	
164	000053	03 0.CMP.CD	PIC XXX.	
165	:-5000	03 NO-DEP	PIC 59(2) COMP-3.	
165	99000	03 SEP-CODE	PIC XXX.	
291	95000	03 C.D.CDE	PIC X.	
168	00057	03 CIV-ED-YRS	PIC XX.	
169	99000	03 CIV-ED-LVL	PIC X.	
170	00000	03 FCRM-MCC	PIC XXX.	
171	09000	03 COMBAT-SERV	P1C xx.	
172	00000	03 HOME-CITY	PIC XXXX.	
173	00062	03 HOWE-STATE	PIC XX.	
174	59000	03 STRENGTH-CAT	PIC X.	
175.	1:9000	03 AFAD-8D	PIC 5916) COMP-3.	
176	90000	03 CAREER-FLG	P:C x.	
177	99000	03 VRB-M	PIC X.	

AUTOFICM CHART SET - SRS UPDATE STATS WITH WID CHANGE		X.	XX.	PIC XXX.	X.	* Committee of the first of the	×.	X.	PIC X(20).	PIC X(10).	PIC 59(6) COMP-3.	PIC XXX.	×	XX.	XX.	XX.	×	PIC XIS).	44.	XX.	PIC XXX.	X :	х.	PIC XXX.
AUTO	COLITENTS	VR8-P P.C X.	CIT-ST PIC XX.	00-00 P1C	FILLER PIC X.	CUR-DIY-ST PIC A.	CASUALTY-ST PIC X	UD-REC-ST PIC X.	L-NAME PIC	MSW	DO-ENL-ACC PIC	PERM-GRD	FILLER PIC X.	CIT-CMTRY PIC XX	O-PEF PIC XX	PROG-ENL-FOR PIC XX.	ETHNIC PIC X	D00-859-000	V-A-CODE PIC AX	HEIGHT PIC XX	WEIGHT PIC	HAIR PIC X.	EYES PIC X	FILLER PIC
INPUT LISTING		60 63	000068	69000	000000	00071 03	00072 03	00073 03	0007:1	00075 03	00076 03	00077 03	00076 03	00079 03	00000	00081 03	00082 03	00083 03	00008-3	000085 03	00086 03	00087 03	000068	600083
08/22/77	CARD NO	178	179	180	181	182	183	184	185	186	187	188	139	085	161	192	193	194	195	196	197	198	. 199	200

(22/77	INPUT LISTING	0 2		AUTOFLOW CHART SET . SRS	UPDATE STATS WITH NID CHANGE
CARD NO	:		ŏ	CONTENTS	••••
201	66000	69	FILLER	PIC X.	
202	16000	03	EXTS-IND	PIC XX.	
203	25000	03	MARITAL-STAT	PIC X.	
204	00003	69	LEST-EXT-IND	P.C XX	
205	56000	83	110	PIC XXX.	
206	90000	03	61-601-500	PIC 59(3) COMP-3.	
202	96000	03	TY-TST-FLG	PIC X.	
208	25000	03	AFOT - AOT - FRM	PIC XX.	
209	86000	60	AF01-A01-5C0	PIC XX.	
210	05000	60	AOT-FLG	PIC X.	
211	90100	03	REENL-IND	PIC xx.	
212	10100	03	FILLER	PIC XX.	
213	00102	03	TYPE-LV-SETT	PIC X.	
214	00103	03	KC-C-DATE	PIC 59161 COMP-3.	
215	1-0100	03	KC-CYC-ND	PIC XXX.	
		EJECT			06800000
216	FC	EOJ-DISPLAY			00000400
217		LABEL RECORDS	PDS ARE OMITTED	9	00000410
218		RECORDING MODE IS	MODE 15 F.		. 00000420
219	10	EOJ-DISPLAY-REC	·- REC.		00000430
220		03 FILLER	PIC X(133)		00000440
221					00000450
222	6.	ERR-001			00000460

08/22/57	INPUT LISTING	STING			AUTOFLOW CHART SET . SRS	UPDATE STATS WITH RID CHANGE
CARD NO	1				CONTENTS	•
223			LABEL RECORDS ARE		OMITTED	00000470
224			RECORDING MODE	15		00000480
225		10	ERR-OUT-REC.			00000490
226			03 FILLER	PIC	X(133).	00000000
227						01500000
228		F0 1	IN-55%-CHG			00000520
229			BLOCK CONTAINS	0		00000000
250			RECORD CONTAINS	31		00000540
251			LABEL RECORDS STANDARD.	STAND	ARD.	00000000
25.2		10	IN-CHG-REC.			00000260
25.3		,	03 MID-FROM	4	PIC.X(10).	00000570
25.4		3	03 MID-TO	•	PIC X(10).	00000280
577		•	03 DATE - FROM	a	PIC 9(6) COMP-3.	06900000
256		,	03 DATE-10	4	PIC 9(6) COMP-3.	00000000
25.5		3	O3 SSNINITS	a	PIC XXX.	0000000
2.28						000000620
209		9	OUT-CHG			0000000
240			BLOCK CONTAINS	ò	•	00000640
241			RECORD CONTAINS	240		05900000
242			LABEL RECORDS	STANDARD.	ARD.	0000000
243.		010	OUT-CHG-REC.			0000000
243	· INC	18501080	080			00000080
244			02 18501080.	.080		

/22/77	INPUT LISTING			AUTOFLOW CHART SET . SRS	UPDATE STATS WITH NID CHANGE
CAPD NO				CONTENTS	
245	¢1000	8	331	P:C xx.	
246	000016	03	DO- ACT 10N	P.C 59/6) COTE-3.	
247	21000	03	P-FLAG	P1C x.	
248	00018	03	LEN-O-ENL	P:0 x.	
249	61000	03	RACE	PIC X.	
250	00020	03	SEX	Pic x.	
251	00021	03	MID	PIC X110).	
252	00022	03	INITS	PIC XXX.	
253	00023	03	DUTY-LWT	PIC xxx.	
254	0002:	03	PRES-SP-GRD	PIC X.	
255	00025	03	PROF-PAY	PIC X.	
256	00026	03	CON-LEG-AGR	PIC X.	
257	00027	03	FILLER	P.C x.	
258	00028	03	PRES-GRD	PIC XXX.	
259	00023	03	PRES-DOR	PIC 59(6) COMP-3.	
260	00000	03	10.0	PIC XXX.	
261	15000	03	PREV-GR-ST	PIC X.	
.262	20000	03	dd - 0	Pic x.	
263	00033	03	0.CLA	PIC X.	
264	00003:	03	FILLER	PIC X.	
265	\$5000	03	PREV-GD	PIC XXX.	
266	00036	03	PREV-DOR	PIC 59(6) COMF-3.	
267	00037	03	0 - PMOS	PIC XXXX.	

03 PRO-ENL-UKD 03 DMOS 03 PRES-RUC 03 PRES-RUC 03 LEAVE-DUE 03 CUR-SORS-ENT 03 COMP-CODE	COMP-3.
000054 03 NO-DEP	COMP.3.
294 00054 03 NO-DEP PIC 59(2) COMP-3 285 00055 03 SEP-CODE PIC XXX.	COMP.3,
00056 03 C-D-CDE	
289 00059 03 FORM-MCC PIC XXX.	
03 COMBAT - SERV	

AUTOFLOW CHART SET - SRS UPDATE STATS WITH WID CHANGE	CONTENTS	PIC AKIA.	PIC XX.	PIC X.	PIC 59(6) COMP.3.	PIC A.	P.C. X	Pic X.	PIC XX.	PIC XXX.	PIC X.	Pic x.	PIC X.	PIC X.	PIC X(20).	PIC X(10).	PIC 5916) COMP. 3.	PIC XXX.	P1C A.	PIC XX.	PIC XX.	PIC AK.	PIC X.	
	1400	HOME - CITY	HOWE STATE P	STRENGTH-CAT P	AFAD-BO P	CAREER-FLG P	VRB-M P	VRB.P	C11-51 P	ub; No	רווונא ף	CUR-014-51 P	CASUALTY-ST P	UD-REC-ST P	L - NAME P	d nsw	DO-ENL-ACC P	PERM GRD P	FILLER" P	CIT-CNIRY P	0.PEF P	PROG-ENL-FOR P	ETHILIC	
94146		60	63	60	60	83	03	63	03	69	03	03	03	60	03	60	03	60	03	03	60	03	03	
INPUT LISTING	:	19000	29000	£9000	19000	-9000	99000	29000	53000	69000	000070	12000	22000	61000	0007:	22000	02000	22000	57000	62000	28000	18000	29000	. 0000
71/23/77	CARD NO	291	292	293	29.5	295	296	297	298	568	300	301	302	303	304	308	306	303	308	308	3:0	311	312	210

T - SRS UPDATE STATS WITH NID CHANGE	••••																						06900000	9020000
AUTOFLOW CHART SET	CONTENTS	P.C XX.	PIC XX.	PIC XXX.	P1C X.	PIC X.	PIC XXX.	Pic x.	PIC XX.	T PIC X.	D PIC XX.	PIC XXX.	PIC 59131 COM4-3	PIC X.	M PIC XX.	0 PIC XX.	PIC x.	PIC XX.	PIC XX.	T PIC X.	PIC 59(6) COMP-3.	PIC XXX.		
		03 V-A-CODE	03 HEIGHT	03 XE1GHT	03 HAIR	03 EYES	03 FILLER	03 FILLER	03 EXTS-1ND	03 MARITAL-STAT	03 LAST-EXT-1ND	03 11C	03 67-607-500	03 TY-TST-FLG	03 AFOT AOT - FRM	03 AFOT - AOT - SCO	03 AOT-FLG	D3 REENL-IND	03 FILLER	03 TYPE-LV-SETT	03 KC-C-DATE	03 KC-CYC-NO		
INPUT LISTING		: 8000	98000	00086	00087	00083	68000	05000	16000	20000	60000	1:6000	96000	96000	76000	85000	66000	00100	00101	00102	00103	00100	EJECT	
08/22/77	CARD NO	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	3.00	.351	3.22	353	35.4		

22/77	INPUT LISTING	99	AUTOFLOW CHART SET - SRS	UPDATE STATS WITH NID CHANGE
ARD NO	:		CONTENTS	:
37.6	80.4	SCHING-STORAGE SECTION.		01/00000
357	77	IN-STAT-CTR PIC	\$9(6) COMP-3	000000720
3.8	77	IN-CHG-CTR PIC	59(6) CCHP-3,	00000730
309	77	OUT-STAT-CTR PIC	\$9161 COMP-3.	00000740
340	77	OUT-CHG-CTR PIC	\$9(6) COMP-3.	00000000
341	17	ABEND SWITCH PIC	.65	000000160
342	77	USED-SWITCH PIC	.65	00000010
343	11	ERROR - SMITCH PIC	. 65	00000000
344	10	OLD-CHG-MID PIC	x(10).	000000790
345	10	OLD-CHG-047E PIC	PIC \$9(6) COMP-3.	00000000
346	5	OLD-TRANS-MID PIC	X(10).	00000010
347	10	OLD-TRANS-DATE PIC	\$9(6) COMP-3.	00000000
348	10	TOP-LINES.		00000830
349		03 FILLER PIC X(51)	PIC X(51) VALUE SPACES.	000000840
350		03 10P-1NFO PIC X(30)	VALUE SPACES.	00000000
351		03 FILLER PIC X(52)	VALUE SPACES.	00000000
352	10	LOW-LINES.		00000010
353		03 FILLER FIC X(39)	FIC X(39) VALUE SPACES.	оооооонно
354		03 LOW-INFO PIC X(41) VALUE	VALUE SPACES.	. 000000830
385		03 FILLER PIC X(4)	Value	00600000
356		03 LOW-NUM PIC ZZ.ZZZ.ZZ9.	. 529.	01600000
357		03 FILLER PIC X(39)	PIC X(39) VALUE SPACES.	0600000
353	10	DATE . LINE.		00000000

22/72	INPUT LISTING	9			A	AUTOFLOW CHART SET	ART SET - SRS	UPDATE STATS	STATS WITH WID CHANGE
ARD NO	:				CONTENTS	818		•	
359		03 FILLER		PIC X(11)	VALUE	SPACES.		00000940	
360		03 CUR-DAT	AT PIC X(8)	(8)		•		05600000	
361		03 FILLER		PIC X(11)	VALUE	SPACES.		09600000	
362	O1 HEAD	HEADER-LINE	VE.					00000000	
363		03 FILLER	R PIC X(30)	301	VALUE	SPACES.		08600000	
364		03 FILLER	R PIC X(27)	27)	VALUE	VALUE 'OLD MID	DATE OF ACTION'.	N'. 000000990	
365		03 FILLER	R PIC X(11)	111	VALUE	SPACES.		000010000	•
366		03 FILLER	R PIC X(27)	27)	VALUE	WEW MID	DATE OF ACTION'.	N'. 00001010	
367		03 FILLER	R PIÇ X(38)	38)	VALUE	SPACES.		00001050	
368	5	DETAIL-LINE	žē.					00001030	,
369		03 FILLER	œ	PIC	PIC. X(29)	VALUE S	SPACES.	00001040	
370		03 ERR-0	ERR-OLD-MID	PIC	X(10)			00001050	
371		03 FILLER	~	PIC	(7)X	VALUE S	SPACES.	00001060	
372		03 ERR-0	ERR-OLD-DATE	PIC	9(6)			00001010	
373		03 FILLER	æ	PIC	X115)	VALUE S	SPACES.	08010000	
374		03 ERR-N	ERR-NEW-MID	PIC	x(10)			000010000	
375		03 FILLER	α	PIC	x(7)	S BUTT	SPACES.	00001100	
376		03 ERR-N	ERR-NEW-DATE	PIC	9(6).		,	000001110	
377		03 FILLER	œ	PIC	X(43)	VALUE S	SPACES	00001120	
		EJECT						00001130	
378.								00001140	
379	PROC	EDURE	DIVISION.					00001150	
380		PERFORM	OPEN-ROU	I INE	HRU O	PERFORM OPEN-ROUTINE THRU OPEN-ROUTINE . END.	G-END.	00001160	

08/22/77	INPUT LISTING AUTOFLOW CHART SET - SRS	UPDATE STATS WITH WID CHANGE
CAPD NO		
38.1	START-UP.	00001170
382	PERFORM TRANS-READ THRU TRANS-READ-END.	00001180
383	#1D-CHECK.	00001150
384	IF MID OF 14-REC < MID-FROM	0001200
385	THEN PERFORM UN-CHG-WRITE	00001210
386	GO TO START-UP.	00001220
387	IF MID OF IN-REC > MID-FROM GO TO CHC-FILE-CHK.	00001230
368	IF SSWINITS = INITS OF IN-REC	00001240
369	THEN PERFORM CHG-WRITE	00001250
390	GO TO START-UP.	00001260
391	CHG-FILE-CHK.	00001270
1 392	IF USED-SWITCH = 1	00001280
:6: 194	THEN PERFORM ERR-MESS-OUT.	00001290
394	PERFORM CHANGE-READ THRU CHANGE-READ-END.	00001300
395	GO TO MID-CHECK.	00001310
	EUECT	00001320
300		00001330
1981	OPEN-ROUTINE.	00001340
398	OPEN INPUT IN-SSN-CHG, IN-TELES.	00001350
399	OPEN OUTPUT EGU-DISPLAY, OUT-TRANS, OUT-CHG, ERR-GUT.	00001360
400	MOVE ZERO TO IN-STAT-CTR. IN-CHG-CTR.	00001370
401	MOVE ZERO TO GUT-STAT-CTR, GUT-CHG-CTR.	00001380
402	MOVE ZERO TO ABEND-SWITCH. USEU-SWITCH, ERROR-SWITCH,	00001390

08/22/7/	INPUT LISTING AUTOFLOW CHART SET	SRS	UPDATE STATS WITH WID CHANGE
CARD NO	CONTENTS		
403	MOVE LOW-VALUES TO OLD-CHG WID. OLD-TRANS-WID.	S-KID.	00001400
404	MOVE ZERO TO OLD-CHG-DATE. OLD-TRANS-DATE		00001410
405	GPEN-ROUTINE-END. EXIT.		00001420
406			00001430
407	Un CHG-WRITE,		00001440
408	WRITE OUT-REC FROM IN-REC.		00001450
409	A00 1 TO QUT-STAT-CTR.		00001460
014	CHG-WRITE.		00001470
4	MOVE MID-TO TO MID OF IN-REC.		00001480
412	MOVE ZERO TO USED-SMITCH.		00001490
413	MRITE OUT-CHG-REC FROM IN-REC.		00001500
414	ADD 1 TO OUT-CHG-CTR.		00001510
195	EUECT		00001520
1 415			00001530
416	ERR-WESS-OUT.		00001540
417	IF EPROR-SWITCH = 25RO		00001550
418	THEN MOVE 1 TO ERROR-SALTCH		00001560
4 9	MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO	TO TOP-INFO	00001570
420	WRITE ERR-OUT-REC FROM TOP-LINES AFT	AFTER ADVANCING	00001580
421		TO-NEW-PAGE	00001590
422	MOVE 'PAIRED SON CHANGE RECORDS KITH' TO	10 10P-1NF0	00010000
423	WRITE ERR-OUT-REC FROM TOP-LINES AFTER	43.	00001610
424		2 LINES	00001670
The state of the s			

	CONTENTS		
425	MOVE ' NO MATCHING TRANSACTIONS ' TO TOP-INFO		00001630
426	WRITE ERR-OUT-REC FROM TOP-LINES AFTER		00001640
427	2	LINES	03910000
428	MOVE CURRENT-DATE TO CUR-DAT	Section of the sectio	00001660
429	MOVE DATE-LINE TO TOP-INFO		00001670
45.0	WRITE ERR-OUT-REC FROM TOP-LINES AFTER ADVANCING		00001680
451	7	LINES	00001690
4.2	WRITE ERR-OUT-REC FROM HEADER-LINE		00001700
453	S AF1ER	LINES.	00001710
454	MOVE MID-FROM TO ERR-OLD-MID.		00001720
4.5	MOVE DATE-FROM TO ERR-OLD-DATE.		00001730
45.6	MOVE MID-TO TO ERR-NEW-MID.		00001740
403	MOVE DATE-10 TO ERR'NEW-DATE.		00001750
4.8	WRITE ERR-OUT-REC FROM DETAIL-LIME		00001760
429	2 AFTER 2	LIMES.	00001770
440	IF ABEND SWITCH = 2		00001780
441	THEN MOVE ' ABNORGAL END ' TO		00001750
442	TOT INFO		00001800
443	WRITE ERR-OUT-REC FROM TOP-LINES AFTER		00001810
444	S	LINES	00001820
445	MOVE ' SEQUENCE ERROR TO		00001830
446	TOP-INFO		00001840
447	WRITE ERR-OUT-REC FROM TOP-LINES AFTER		00001850

8/22/77	INPUT LISTING	AUTOFLOW CHART SET - SRS	UPDATE STATS WITH NID CHANGE
CARD NO	8	CONTENTS	
34		9	LINES. 00001850
449	CHANGE - READ.		00001870
450	READ IN-SSN-CHG. AT END	GU TO CHG-READ-CHK.	0000 1 880
451	ADD 1 TO IN-CHG-CTR.		00001830
452	IF MID-FROM > OLD-CHG-MID GO TO CHG-WID-CK.	D CO TO CHG-MID-CK.	00010000
453	IF MID-FROM < OLD-CHG-MID	a	01610000
454	THEN MOVE 2 TO ABEN	TO ABEND-5x11CH	00001920
455	PERFORM ERR-MESS-OUT	-00.	00001930
456	PERFORM EOJ-ROUTINE	INE.	00001940
457	IF DATE-FROM > OLD-CHG-DATE	ATE GG TO CHG-#10-0K.	00001950
458	THEN MOVE 2 TO ABEND-SWITCH	D-5k11CH	09610000
459	PERFORM ERR-MESS-OUT	-0UT.	00001970
460	PERFORM EDU-ROUTINE	INE.	00001980
461	CHG-MID-OK.		06610000
462	MOVE MID-FROM TO OLD-CHG-MID.	-K10.	0000000
463	MOVE DATE-FROM TO OLD-CHG-DATE	-0478.	0000000
464	MOVE 1 TO USED-SWITCH.		00003000
465	CHANGE-READ-END. EXIT.		00002030
466			00002040
467	CHG-READ-CHK.		00002020
468	IF MID OF IN-REC = HIGH-VALUES	H-VALUES	00002060
469	THEN PERFORM EGJ-ROUTINE	INE	00002010
470	ELSE MOVE HIGH-VALUES	HIGH-VALUES TO MID-FROM	00003080
Section Color Colors			

08/22/77	INPUT LISTING AUTOFLOW CHART SET - SRS U	UPDATE STATS WITH PID CHANGE
CARD NO	CONTENTS	
471	GO TO CHANGE READ END.	00002030
	EJECT	00002100
472	TRANS-READ.	00002110
473	READ IN-JRANS. AT END GO TO TRANS-READ-CHECK.	00002120
474	ADD 1 TO IN-STAT-CTR.	00002130
475	IF MID OF IN-REC > OLD-TRINS VID GO TO TRANS-ID-OK.	00002140
476	IF MID OF IN-REC < OLD-TRANS-WID	00002150
477	THEN MOVE 1 TO ABEND SHITCH	00002160
478	PERFORM EQJ-ROUTINE.	00002170
479	IF DO-ACTION OF IN-REC < GLD-TRANS-DATE	00002180
480	THEN MOVE 1 TO ABEND-SKITCH	00002190
481	PERFORM EQU-ROUTINE.	00002200
482	784NS-1D-0K.	00002210
483	MOVE MID OF IN-REC TO OLD-TRAMS-MID.	00002220
484	MOVE DO-ACTION OF IN-REC TO GLD-TRANS-DATE.	000002230
485	SANS-READ-END. EXIT.	00002240
486	TRANS-READ-CHECK.	00002250
487	IF MID-FRUM = HIGH-VALUES	00002260
488	THEN PERFORM EDU-ROUTING	00002270
439	ELSE MOVE HIGH-VALUES TO MID OF IN-REC	00002280
065	GO TO TRANS-READ-END.	00002290
	EJECT	00002300
491	EOJ-ROUTINE.	00002310
STATE OF STATE OF		

UPDATE STATS WITH NID CHANGE

AUTOFLOW CHART SET - SRS

INPUT LISTING

- 199 -

08/22/77 INPUT	INPUT LISTING UPDATE STATS WITH NID CHANGE
CARD NO	CONTENTS
515	IF ABEND-SWITCH = 1
510	THEN MOVE CC002550
513	TRA:SACTION FILE ' TO TOP-INFO 00602570
518	WRITE EOJ-DISPLAT-REC FROM TOP-LINES AFTER DODG2580
519	ADYANCING 3 LINES 00002590
520	ELSE MOVE
521	SSN CHANSE FILE ' TO TOP-INFO 00002610
522	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00002620
523	ADyanchie 3 LINES. DODUZ630
524	MOVE 'NUMBER OF SSN CHANGE RECORDS RELD ' TO LOW-INFO.00002640
525	MOVE IN-CHG-CTR TO LOW-NUST.
520	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00002660
527	5 LINES. 00002670
528	MOVE 'NUMBER OF TRANSACTION RECORDS INFUT' TO LOW-IN-FO. OCO02-680
559	MOVE IN-STAT-CTR TO LOW-140%.
500	WRITE EGJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00002700
501	2 LINES. 00002710
,522	MOVE 'NUMBER OF UNCHANGED TRANSACTIONS OUTPUT' TO LOW-INFO.00002720
553	MOVE OUT-STAT-CTR TO LOW-NUM.
554	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00002740
575	2 times, 00002750
. 556	MOVE 'NUMBER OF TRANSACTION CHANGES OUTPUT' TO LOW-INFO. DOGO2760
503	MOVE 0UT-CHG-CTR 10 LOW-NUM.

INPUT LISTING		WRITE EOU		CLOSE IN-S	TUO	STOP RUN.
	WOO	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING		CLOSE IN-SSN-CHG. EOU-DISPLAY, IN-TRANS.	OUT-TRANS. OUT-CHG. ERR-OUT.	
AUTOFLOW CHART SET - SRS	CONTENTS	LON-LINES AFT		LAT. IN-TRANS.	ERR-OUT.	
		ER ADVANCING	2 LINES.			
UPDATE STATS WITH KID CHANGE		00002780	2 LINES. 00002790	00002800	00002810	00002820

3.6.4 Flowchart. The following chart is an AUTOFLOW charting of the SRSTSSN logic.

. 1.02.

START-UP

CHART TITLE . PROCEDURE DIVISION

/ 10003821 /

	WID-CHECK PARAGRAPH		MID OF IN-REC * MID OF IN-REC * MID OF IN-REC I YES IYES	(000388) 1 C4
I I	START-UP PARAGRAPH	(000385, 1	11 1 PERFORM 1 11 11 11 11 11 11 11 11 11 11 11 11	
	PROGRAM-ID	SRSTSSN I	1 PERFORM 1 1 1 1 1 1 1 1 1	

- 203 -

8

3074

UPDATE STATS WITH NID CHANGE

AUTOFLOW CHART SET - SRS

08/22/77

205 -

MOVE
ZERO TO
ABEND-SWITCH
USED-SWITCH
ERROR-SWITCH

05

(000402)

/OPEN CHG /

10.4/

08/22/77

03

PAGE

CHG-WRITE

CHART TITLE - PROCEDURE DIVISION

					(000412) 1	1 00 1	EXIT	PERFORM E IT		
(1000410) /	UN-CHG-WRITE	(0000411) I 03	/ CUT-REC FROM /	(000412)	I ADD I STAT-CIR I		•			
	÷			OPEN-ROUTINE-END I	(000408)	1 02	EXIT	PERFORM EXIT I I	*	UN-CHG-WRITE
	03.07	1 000-040-00 1 000-040-010 1 000-1246-010 1 000-1246-010 1 000-040-010 1	I OLD-THANS-CATE	20.4						

08/22/77

10N

	(000421) 1 C6	I MOVE I TO ERROR-SWITCH I	MOVE STATISTICAL STATISTICAL STATISTICAL	(000423) 1 C7	/WRITE / ERR-OUT-BEC / / FROM TOP-LINES / / AFTER ADVANCING/	/ TO-NEW-PAGE /	1 1 (000425) 1 CB	I MOVE I PAIRED SSN I CHANGE RECCROS I		/ " /
/ (000419) /	02.05>	PARECOAPH I	(000420) 05	* EPROR-SXITCH *-+ I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
				(000417) 1 03 1	1 ADD 1 1 1 1 0 OUT CHG-CTR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	02.03>1 [(000417) 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		+ · · · · · · · · · · · · · · · · · · ·	ERR-MESS-OUT
/ (000410) /	02.03\$.	CHG-WRITE PARAGRAPH	1 WOVE 1 WID-10 TO TO TO F 1	I MOVE ZER	2000000	/ /write / I	/ OUT.CHS.REC / I / FROM IN-REC / I			

90

PAGE

CHART TITLE - PROCEDURE DIVISION

FRR-OUT-REC / I FROM / I	
FROW /	IMOVE
FROW / 1	I DATE-10 TO
, , , , , , , , , , , , , , , , , , , ,	I FDD. NFW. DATE
1 110.C / 1	
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/ TELER S. LINES /	•
	(000441) I
1 05.05>1	
(000437) 1 07 1	/WRITE
	/ ERR-OUT-PEC
I MOVE I	/ FROM
I WID-FROW TO I I	/ DETAIL-LINE /
I EPR-OLD-WID I I	/ AFTER 2 LINES /
I MCVE I I	
I DATE-FROM TO I I	-
I EHR-OLD-DATE I I	-
I NOVE I I	-
I MID-TC TO I I	1 /
I ERR-NEW-MID I	
I	/ 7.01

CHART TITLE . PROCEDURE DIVISION

(000448) I 04	I WOVE I I I I I I I I I I I I I I I I I I I	/WRITE / EXIT	CHANGE-READ / 8.01
I MOVE	1000444) 1 02 1 1 10P-10P-10P-10P-10P-10P-10P-10P-10P-10P-	WRIT / WRIT / WRIT / WRIT / FROM I / AFTER	

CHART TITLE - PROCEDURE DIVISION

(000460) . 67	* OLD-CHG-DATE * +			100 001	900	-	(000461) 1 68	i i i i i i i i i i i i i i i i i i i	I 2 TO ABEND-SAITCH I	I	
0004581 1 05 1	PERFORM :	19 19 19 19 19 19 19 19 19 19 19 19 19 1		1 90 1 (65:000)		I EOU-ROUTINE I	10 1	****		•	
(000456) * 03	00	* MID-FROM < *** I		IYES . B . I			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		I MOVE I I I I I		
000454) 1 01 1	1 TO IN-CHG-CTR 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	· MID-FROM > · · · · ·	יסנם כאפ-פום. ו ו		6 081	1 . 60 . 1	CHG-MID-CK 1	

CHG-READ-CHK

.10.02.

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- 211 -

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CHART TITLE - PROCEDURE DIVISION

	/ 1000000		/ (000475, /
	.:		
	07.08>		C1.02···>·
CHG.	CHG-READ-CHK PARAGRAPH		TRANS-READ PARAGRAPH
	(000471) . 02		(000476) 1 (4
- 2	MID OF NO IN-REC = -HIGH-VALUES' IYES	1 MOVE 1 MID-FROM 1	(000476) . C5
			END OF FILE .
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		. 9.C4.	1NO 13
10 1 1 01			
			/11.01

CHART TITLE - PROCEDURE DIVISION

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357d

UPDATE STATS WITH NID CHANGE

AUTOFLOW CHART SET . SRS

08/22/77

CHAST TITLE - PROCEDURE DIVISION

					0		
					7	: 6:	* .
					w	1 1 10 1	Lad .
					TRANS - READ - END PARACRIPH		PERFORM EXIT
				1	2		100
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					and o		10
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				.01.02	PARMS - SEA		
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	G	:	-0	IN- REC TO OLD-TRANS-DATE			
			VE D OF IN-REC OLD-TRANS-WI	204			
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	- X		54 .	IN-REC TO D-TRANS-DA			
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	ò	10 1		42 -			
			00				
N		4 ,	W -1 W (0 0			
0	W)	0 .	20020	2 7	•		
11.02>	TRANS-10-0K PARAGRAPH	(000486)	MOVE MID OF IN-REC TO OLD-TRAMS-WID MOVE	0			
-	4	0	aa				
-	A.	- :		-			
	•						
				**			

TRANS-PEAD-CHECK

. 13,02.

10.05> 18ANS. PEAD-CHECK PARAGRAPH (10.05> (10.05> (10.0491)		
10.05 TRANS-READ-CHECK PARAGRAPH (000490)		/ (000494
TRANS-READ-CHECK PARAGRAPH (000490) 02 MID-FROM = HO HIGH-VALUES' (00 I YES		(8.06>
#ID-FROM =0 "MID-FROM =0 "HIGH-VALUES" (00		ECJ-ROUTINE PARAGE
HIGH-VALUES' (OC)		MOVE STATISTICAL RETRIEVAL SYSTEM 10 TOP-INFO
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	03	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	ALUES TO I	/WRITE /EOU DISPLAT-RE /FROM TOP-LINES /AFTER ADVANCING / TO-NEW-PACE,
	2.02	
	READ-END	/14.01
. 13.04.		

08/22/77

13

FACE

UPDATE STATS WITH NID CHANGE

AUTOFLOW CHART SET - SRS

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ROCEDURE DIVISION
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08/22/77

WOVE	13.65 5.		14.05>1
WRITE		911	_ ·
02 (FOUT DEPLAY REC) (3 I I I I I I I I I I I I I I I I I I I	3AC#
/ FRUM 109-11:ES	1 1 01 SECURE CIW.	/EOJ-DISPLAY-REC/	
		-	2: QNJ I
02	105.1860		I TOP-INFC
(000505) 05 /wRIT (000505) 05 /wRIT (000505) 06 /wRIT (000505) 1 06 /wRIT (000506) 1 06 /wRIT (000514) 1 07 /wRIT (000514) 1 06 /			
000505)			•
(000505) 05 (000506) 1 06 (FOW ICH TERM INTER A SWITCH TERM INTER A STEEL A STEE			(000512) 1
ABEND-SWITCH	•		u1.03/
C3	/wpi1E	•	/EOJ- DISPLAY-REC/
06 /AFTER ADVANCE ABEND-SWITCH 1 1 1 1 1 1 1 1 1	/EOJ-DISPLAY-REC/		-
1 1 1 1 1 1 1 1 1 1	IFROM TOP-LIMES / I	* NO 1 (000506) 1	ADVAN
	AFTER 2 LINES / I	ABEND - SWITCH I	/ S LINES /
	1	= 0 . 1 1 1 %(VE	
T-DETE TO 1 1 1 1 1 1 1 1 1			
1 1 1 1 1 1 1 1 1 1		01 .	-
1			(000514) 1
1		IYES . 14 . 1	
### 10	3.0%		
TELINE TO I I TOP-INFC / FROM TOP-LINES	CORRECAT-DATE TO 1		FOUL
TELINE 10 1		/ 31116.	. INFC
/FPCM TOP-LINES / /AFTER ADVANCING/ I	DATE - LINE 10 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
AFTER ADVANCING/	100-11:00 1 1		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			-
	I The second of	/ 2 LINES /	The second secon
1 1 1 2 0 2 1			/ /

15.07			
15.07			
		15.07	

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307d

CHART TITLE - PROCEDURE DIVISION

	(000527) 1 (77		I IN-CHG-CIR TO I		/AFTER ADVANCING/	10.91/	
/ (000523) /	15.02>	MOVE SSN CHANGE I I I I I I I I I I I I I I I I I I I	(000525) 1 06	/EQU-DISPLAY-REC/ / FPOM TOP-LINES / / AFTER ADVANCING/ / 3 LINES / I			
			•	(000519) 1 03 1 MOVE I TRANSACTION I	1 FILE ** ' TO 1 1 TOP-INFO 1	(GOOSZI) I O4 /WRITE /EOJ-DISPLAY-REC/ /FROW TOP-LINES/ /AFTER ADVANCING/	.15.07.
	(0005:6, 1	/KEG-UISTLAY-REC/ /FROW UISTLAY-REC/ /FROW UISTLANES / /AFTER ADVANCING/ 3 LINES	90000	1145-0	in g	3	

- 217 -

PAGE 16

CHART TITLE - PROCEDURE DIVISION

1 10 1 1 100000	(000535); 63 1	(000539) 1
1	1	
1 40.1	I MOVE	I MOVE
I NUTER OF I	1 10 436#O#, I	I 'NUTBER OF
1 1 1011 1011	I UNCHANGED I	I TRANSACTION
I RECORDS INPUT' TO I	I TRANSACTIONS I I	I CHALLGES DUIPUT
I J OJNI-SO. I	I 0017017 TG ! 1	1 10 LOW-INFO
1 100:1	1 106-1470 1 1	I MOVE
1 1 01 813-1412 1 1 1	I MOVE I I	1 OUT-CHG-CIR TO
I LOK-NUM I I	1 0UT-STAT-CTR TO 1 1	I LOW-NUT
	1 10m-40m 1 1	***************************************
	1	
(000533) I 02 I		(000541) 1 C6
I	(000537; 1 04 1	
1 / 3116%	1	/WRITE
/Compassion Splay - REC/ 1	1 / 3113M/	/EOJ DISPLAY-REC/
/FOOM COM-LINES / I	/EDU-DISPLAY-REC/ I	JEROW LOW-LINES /
/AFTER ASVANCING/	/FROW LOSE LINES / I	/AFTER ADVANCING/
/ 2 LINES / I	/AFTER ADMANCING/ I	/ 2 LINES /
1	/ 2 11465 / 1	
	1	-
		The second of th
*		-
	**	/ 1
		/17 01

17

PAGE

08/22/77

END OF RUN

. HALT

(000545) 1 07

/CLOSE ERR-0UT

/CLOSE IN-TRANS

3.6.5 Output. The outputs from this program will be two data sets. One data set will be written on disk. This is usually on the order of a few hundred records. The disk data set consists of those transactions that had their MID changed, therefore these are not in sequence on MID at this point. The other data set is on tape and consists of all the transactions that did not require an MID change. Thus, these are still in sequence on MID. In the next process, the disk data set will be sorted and merged back into the tape in the proper sequence.

A sample of the printer output for program SRSTSSN follows.

TM-	6	0	4	2	3
T 1. T	v	9	7	_	-

STATISTICAL RETRIEVAL SYSTEM
PAIRED SSN CHANGE RECORDS WITH

NO MATCHING TRANSACTIONS 08/19/77

DATE OF ACTION	720619	710413	110603	720207	720403	711117	730122	711017	720825	710903	120328	720703	691209	730312	720707	720124	720705	730111	721205	721005	731103	730226	710201	201117
MID DAT		612	•								2												-	
NEW 3	0005565646	0017441612	0439705202	0039349950	005544 7608	0004608115	0048471551	0059464851	0063449117	0062485523	0069480279	0075440384	0080401988	0106464269	0107447753	0110420167	0116421605	0115466305	0212647439	0123442610	0124389798	0126381458	0138466875	0143462033
NOI						4													•					
DATE OF ACTION	740317	740123	740119	740328	140408	740120	740317	740304	740512	740109	740212	740121	740105	740106	740105	740330	740203	740518	740210	740121	740421	731215	740127	74 0 506
OLD MID	0305564656	0012441612	0019071253	0039349955	0044557608	0044608115	0047481551	1 58 7 57 6500	0062449117	0062475523	0069490278	0075440385	0080041988	0106464289	0107445557	0110141167	0116421642	0118476308	0121647439	0123443611	0124389748	0126381485	0136466875	0143662033
	0	0	0	0	0	0	0	0	0	0	0	0	C	0	0	С	0	0	0	0	0	0	0	0

STATISTICAL RETRIEVAL SYSTEM

MID CHANGES TO TRANSACTIONS

71/61/80

NORMAL END DF JOB

1	478	= 343,042	342,546	767
	"	"	u	
	READ	INPUT	OUTPUT	OUTPUT
	RECORDS	RECORDS	IS ACT IONS	CHANGES
	NUMBER OF SSN CHANGE RECORDS READ = 478	NUMBER OF TRANSACTION RECORDS INPUT = 343,042	NUMBER OF UNCHANGED TRANSACTIONS OUTPUT = 342,546	NUMBER OF TRANSACTION CHANGES OUTPUT = 205
	OF	0.F	DE U	90
	NUMBER	NUMBER	NUMBER	NUMBER
				-
		i		-
	-			
			1	1

3.6.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution.

```
//15719221 JOB (701R. MPI3) . JENKINS-TSSN . TIME=4. TYPRUN=HOLD
                                                                           10000001
//JOBL 18 DD DSN=HQMC1.MP1.LDADLIB.DISP=SHR
                                                                           001 3
            EXEC PGM=IEHPROGM.REGION=80K
//STEPONE
                                                                           0000003
//SYSPRINT DD SYSOUT=A
                                                                           0000000
                                                                           0000005
//SYSOUT DD SYSOUT=A
//SYSIN DD *
                                                                           0000000
 UNCATLG DSNAME=HOMC1.MPI2.C1080.SRSCHGSN
                                                                           0000007
 UNCATLG DSNAME=HQMC1.MPI2.C1080.SRSN.STATSOUT
                                                                           80000008
                                                                           0000000
//STEP2 EXEC PGM=IERRCOOD
                                                                           0000010
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                           0000011
//SYSUDUMP DD SYSOUT=A
                                                                           0000012
//SYSOUT DD SYSOUT=A
                                                                           0000013
//SORTIN DD DSN=HQMC1.MPI2.C1080.SRSN.STATUP.DISP=OLD
                                                                           0000014
//SORTWK01 DD UNIT=SYSDA.SPACE=(TRK.(100))
                                                                           0000015
//SORTWKO2 DD UNIT=(SYSDA, SEP=SORTWK01), AFF=SORTWK01,
                                                                           0000016
    SPACE=(TRK,(100))
                                                                           0000017
//SORTWK03 DD UNIT=(SYSDA,SEP=(SORTWK01,SORTWK02)),AFF=SORTWK01,
                                                                           0000018
    SPACE= (TRK . (100))
                                                                           0000019
//SORTOUT DO DSN=&STATUP.DISP=(NEW.PASS).
                                                                           0000020
"
       UNIT=3330, SPACE=(TRK, (80,2)).
                                                                           15000001
11
       DCB=(RECFM=FB, LRECL=31, BLKSIZE=3100)
                                                                           2200000
//SYSIN DD *
                                                                           200000
 SORT FIELDS=(1.10,CH.A)
                                                                           00000
1*
                                                                           00000
    EXEC LCOBUCLG. OFF=MPI1. SECT=RETRV.
                                                                           200000
"
    PARM. COB=(LIB.NODECK.LOAD.NODMAP.NOPMAP.SUPMAP.NOXREF.STATE.SXREF.
11
                                                                           000 127
11
               *SIZE=114K*,*BUF=16K*).
                                                                           000002
"
       REGION.LKED=90K.
                                                                           0000020
11
       REGION.GO=200K
                                                                           0000030
                                                                           E00000
//LIB.SYSIN DD *
-OPT NOLIST
                                                                           000003
                                                                           00000
      SRSTSSN.Q55E.EXEC
-SEL
-END
                                                                           000003
14
                                                                           000003
//COB.SYSIN DD DSN=&&LIBTEMP
                                                                           000003
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR
                                                                           000003
1*
                                                                           000003
//LKED.SYSLIB DD
                                                                           000003
11
       DO
                                                                           0000040
"
           DSN=HOMC1.AP12.MMSLIB.DISP=SHR
                                                                           0000041
1*
                                                                           0000042
//GO.SYSPRINT DD
                  SYSOUT=A.DCB=(RECFM=UA.BLKSIZE=133)
                                                                           00000431
//GO.SYSDUT
              DD
                  SYSOUT=A
                                                                           0000044
                                                                           0000045
               DD SYSOUT=A
//GO.SYSUDUMP
               DD
                   SYSOUT =A
                                                                           0000046
//GD.SYSDBOUT
               DD
                   SYSCUT=A
                                                                           0000047
//GD.ERRMESSG
                   DSN=&STATUP.DISP=(OLD.DELETE)
                                                                           000004 5
//GD.SSNCHGIN
               DD
                  DSN=HQMC1.MPI2.C1080.SRSN.SORTSTAT.DISP=OLD
                                                                           0000049
//GO.STATSIN
              DD
                                                                           0000050
                   DSN=HQMC1.MPI2.C1080.SRSN.STATSOUT,
//GD.STATSOUT
               OD
                                                                           0000051
       DISP=(.CATLG.DELETE),UNIT=2400-3,
"
                                                                           OC 15
       DCB=(RECFM=FB, LRECL=240, BLKSIZE=2400)
                                                                           000005
//GD.CHGSTATS DD DSN=HQMC1.MPI2.C1080.SRSCHGSN.
                                                                           000005
11
       DISP=(NEW, CATLG, DELETE), UNIT=3330,
11
       SPACE=(TRK,(5,2),PLSE),
                                                                           000005
                                                                           000005
"
       DCB=(RECFM=FB.LRECL=240.BLKSIZE=2400)
                                                                           0000057
13
                                    - 224 -
```

EXEC IELEASE .PARM= 15719231

11

00000580 00000590 00000600

- Note 1. The DSNAME in the first uncatalog statement (line 70) must be the same as the DSN in the CHGSTATS DD card (line 530).
- Note 2. The DSNAME in the second uncatalog statement (line 80) must be the same as the DSN in the STATSOUT DD statement (line 500).
- $\underline{\text{Note 3}}$. The DSN in the SORTIN DD statement must be the same as the STATUP disk file output of SRS239.
- Note 4. The DSN in the STATSIN DD statement must be the same as the output from the "sort/merge XJD and X239 output" process.

3.6.7 Program Maintenance. The following fields are used by this program.

Any changes to these fields in TRS may affect the operation of this program.

NAME	DESCRIPTION
DO-ACTION	Date of action
MID	Marine identification number
INITS	Initial letters of Marine's name

If program changes are necessary, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit, and replace the original load module in LOADLIB.

```
33333313
  15703222 JOB (601R, MPI2) . COMP & LKED TSSN . TIME=(00.50)
                                                                         00000020
   EXFC LCOBUCL.OFF=MPI1.SECT=RETRV.LLIB=LOADLIB.ROOM=MPI.
                                                                         00000030
11
      LMEM=SRSTSSN
                                                                         03000040
//LIB.SYSIN DD +
                                                                         00000050
-OPT NOLIST
                                                                         00000060
-SEL
      SRSTSSN-Q55E-RESEQ. TEMP. EXEC
                                                                         00000073
-END
                                                                         00000080
/*
//COB.SYSIN DO DSN=GELIBTEMP
                                                                         00000090
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR
                                                                         00000100
                                                                         00000110
                                                                         00000120
//LKED.SYSLIB DD
                                                                         00000130
11
      DD
                                                                         00000140
"
       DD DSN=HQMC1.APIZ.MMSLIB.DISP=SHR
                                                                         00000150
1+
                                                                         00000160
11
```

- 3.7.1 Merge TSSN Output. This job is a two step process. The first step is a sort of the changed records output from SRSTSSN. The second step merges the changed records back into the original transaction file.
- 3.7.2 Input. The input to the first step is the disk file that was output from SRSTSSN. The sort fields are MID and date of action. The inputs to the second step are the (temporary) sorted disk file from above and the tape output of SRSTSSN.
- 3.7.3 Output. The output from this process will be a tape file of all current transactions corrected for MID changes. The transactions will be in sequence on MID and date of action. This file will be used to update the current history file.

A sample of the printer output from the "merge TSSN output" process follows.

SYNCSORT 111-410-4-HALF COPYFIGHT MMITLUM COMPUTER SYSTEMS, INC. 1976. REL 2.08N DATE=77/231 TIME=20.17.13 SCRT FIELCS=111.10.CM-A.3.4.PD.A)

WEFIG451 FND SGAT PA WEF1241 TRX OVER-ALLCC FACTCR= PRIM/USED=065 WFR0541 PCD IN 496, OUT 499 WEF1091 TPF'S APPLIED H23456749ABCDEFG WEF0521 END SYNCSORT GPT= M. C5703232.STEP6 3.7.4 Job Control Language for Execution of Process. The following listing shows the complete set of JCL and control cards for execution of this sort/merge.

```
"(15719231 JOB (701R.MPI3). JENKINS-M-TSSN., TIME=6. TYPRUN=HOLD
                                                                          00000010
 STEPONE
            EXEC PGN=IEHPRCGN.REGION=80K
                                                                          00000020
//SYSPRINT DD SYSOUT=A
                                                                          00000030
//SYSOUT DD SYSOUT=A
                                                                          00000040
//SYSIN DD #
                                                                          00000050
 UNCATLG DSNAME=HONC1.MPI2.C1080.SRSN.UPSTAT
                                                                          00000060
1*
                                                                          00000070
//STEP6 EXEC PGM=IERRCGOO.REGION=150K
                                                                          00000080
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                          00000090
//SYSUDUMP DD SYSOUT=A
                                                                          00000100
//SYSOUT DD SYSOUT=A
                                                                          00000110
//SORTIN DD DSN=HQMC1.MPI2.C1080.SRSCHGSN.DISP=OLD
                                                                          00000120
//SORTWKO1 DD UNIT=SYSDA.SPACE=(TRK.(500))
                                                                          00000130
//SDRTWK02 DD UNIT=(SYSDA.SEP=SORTWK01).AFF=SGRTWK01.
                                                                          00000140
   SPACE=(TRK, (500))
                                                                          00000150
//SORTWK03 DD UNIT={SYSDA,SEP=(SORTWK01,SORTWK02)},AFF=SORTWK01,
                                                                          00000160
// SPACE=(TRK,(500))
                                                                          00000170
//SORTOUT DD DSN=&CHGOUT.DISP=(NEW.PASS).
                                                                          00000180
11
       UNIT=3330, SPACE=(TRK, (80,2)),
                                                                          00000190
11
       DCB=(RECFM=FB, LRECL=240.BLKSIZE=2400)
                                                                          00000200
SORT FIELDS=(11,10,CH,A,3,4,PD,A)
                                                                          00000210
1*
                                                                          00000220
//STEP7 EXEC PGM=IERRCCOO.REGION=150K
                                                                          00000230
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                          00000240
//SYSUDUMP DD SYSOUT=A
                                                                          00000250
//SYSOUT DD SYSOUT=A
                                                                          00000260
//SORTINO1 DD DSN=HQMC1.MPI2.C1080.SRSN.STATSOUT.DISP=OLD
                                                                          00000270
//SORTING2 DD DSN=&CHGOUT.DISP=CLD
                                                                          00000280
//SORTOUT DD DSN=HQMC1.MPI2.C1080.SRSN.UPSTAT.
                                                                          00000290
11
       DISP=(NEW.CATLG.DELETE),UNIT=2400-3,
                                                                          000000300
11
       DCB=(RECFM=FB.LRECL=240.BLKSIZE=2400)
                                                                          00000310
//SYSIN DD *
                                                                          00000320
MERGE FIELDS=(11,10,CH,A,3,4,PD,A)
                                                                          00000330
/*
                                                                          00000340
// EXEC IELEASE.PARM= 15719131
                                                                          00000350
                                                                          00000360
11
```

- Note 1. The DSNAME in the uncatalog statement (line 60) should be the same as the DSN in the SORTOUT DD statement (line 290).
- Note 2. The DSN in the SORTIN DD statement (line 110) must be the current name of the changed (disk) file output from SRSTSSN.
- Note 3. The DSN in the SORTINO1 DD statement (line 260) must be the current name of the tape output from SRSTSSN.

3.7.5 Process Maintenance. The sort fields for the job are the MID field and the DO-ACTION (date of action) field.

- 3.8.1 Program SRSHSSN. The first step of the job sorts a disk input (from SRS239) into old MID order. The disk data records contain both an old and a new MID as a result of the RI-AN transaction records for SSN changes. The old MID will be matched against the SRS history file. When a match is found, the new MID will replace the old MID in the history record. The changed history record will be written onto a disk output data set since it will no longer be in the correct sequence. The unchanged records are written onto a tape in their original sequence.
- 3.8.2 Input. This job uses two inputs. One input is the SRS disk history file. The other input is the HISTUP disk data set from SRS239.
- 3.8.3 Source Program. Following is a listing of the source statements for SRSHSSN.

T.PARM) AUXLIST=YES AUXLIST=YES IFICATION DIVISION. AM-ID. SRSHSSN. R. TOM TEEPLES. COMPILED. GURATION SECTION. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. E-COMPUTER. IBM-360-H65. T-COMPUTER. IBM-360-H65. T-	AUTOFLOW CHART SET - SRS MID CHGS TO HIST FILE				01000000	00000000	05000000	0000000	05000000	09000000	00000010	02000000	06000000	000000100	000000110	00000120	00000130	00000140	IGN TO UR-1403-S-SYSPRINT, 00000150	IGN TO UR-1403-S-ERRMESSG, 00000160	IGN TO UT-2400-S-SSNCHGIN, 00000170	000000180	00000190	00000500	
		(LIST.CHART.PARM)	CONTENTS	OPTION AUXLIST=YES	•	IDENTIFICATION DIVISION.		AUTHOR. TOM TEEPLES.	DATE-COMPILED.	•	ENVIRONMENT DIVISION.		*		SPECIAL-NAMES.	CO1 IS TO-NEW-PAGE.	INPUT-OUTPUT SECTION.	FILE-CONTROL.				EJECT	•		

T SET - SRS MID CHGS TO HIST FILE		00000220	00000230	00000240	00000250	96903560	00000270	00000280	00000250	00000000	00000310	00000330	00000330	00000340	00000320	00000360	00000370	00000380	06800000	00000400	00000410	00000420	00000430	00000440
AUTOFLOW CHART SET - SRS	CONTENTS		0 0	2 20	STANDARD.		PIG X(18).	PIC X(10).			ARE OMITTED	: 15 F.		PIC X(133).			4RE OMITTED	: 1S F.		PIC X(133).			SECTION.	PIC \$9(6) COMP-3.
INPUT LISTING		FD IN-SSN-CHG	BLOCK CONTAINS	RECORD CONTAINS 20	LABEL RECORDS	OI IN-CHG-REC.	MD. F.	03 MID-TO	•	FD EOJ-DISPLAY	LABEL RECORDS	RECORDING MODE	01 EOJ-DISPLAY-REC.	03 FILLER	•	FO ERR-OUT	LABEL RECORDS	RECORDING MODE	OI ERR-OUT-REC.	03 FILLER	. EUECT		WORKING-STORAGE SE	77 IN-CHG-CTR
1/14/78	CARD NO	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	80	36	37	88.0		39	40	4

114/76	INPUT LISTING	90				AUT	OFLOW CHAR	AUTOFLOW CHART SET - SRS	MID CHGS TO HIST FILE	
CARD NO	:					CONTENTS	15		į	
42	77		IN-HIST-CTR		PIC	PIC 59(6)	COMP-3.		00000450	
43	11		CUT-HIST-CTR		PIC	(9)65	COMP-3.		00000460	
44	11		HIST-CHG-CTR		PIC	(9)65	COMP-3.		00000470	
45	11		ABEND-SWITCH		PIC	.65			00000480	
46	11		MID-TO-SWITCH		PIC	.68			00000480	
47	11		ERROR-SWITCH		PIC	. 65			00000200	
48	0		OLD-FROM-MID		PIC	X(10).			00000510	
49	10		OLD-HIST-MID		PIC	PIC X(10).			00000520	
90	01	EOF	u		PIC X.				00000530	
15	0		OLD-TO-MID		PIC	PIC X(10).			00000540	
52	10		TOP-LINES.						00000220	
53		69	FILLER	PIC X(51)		VALUE	SPACES.		00000260	
54		03	03 TOP-INFO PIC X(30)	× DIC		VALUE	SPACES.		00000570	
55		03	03 FILLER F	PIC X(52)		VALUE	SPACES.		00000580	
99	10		LOW-LINES.						06500000	
57		03	FILLER	X DIG	PIC X(39)	VALUE	SPACES.		00900000	
58		03	LOW-INFO PIC X(41)	N DIG		VALUE	SPACES.		0000000	
69		03	FILLER	N DIG	(4)	PIC X(4) VALUE	: .		00000620	
09		03	MUN-WOJ EO	2 21d	PIC ZZ.ZZZ.Z29.	.622			00000630	
19		03	D3 FILLER F	N DIG	PIC X(39) VALUE		SPACES.		00000640	
62	0		DATE-LINE.						00000000	
63		03	03 FILLER F	× 216	PIC X(11)	VALUE	SPACES.		09900000	
64		03	CUR-DAT	PIC X(8).	(8)				00000000	

AUTOFLOW CHART SET - SRS WID CHGS TO HIST FILE	CONTENTS	X(11) VALUE SPACES. 00000680	06900000	x(30) VALUE SPACES. 00000700	X(27) VALUE ' OLD MID '. 00000710	X(11) VALUE SPACES. 00000720	X(27) VALUE ' NEW MID '. 00000730	X(38) VALUE SPACES	00000150	00000160	PIC X(44) VALUE SPACES. 00000770	PIC X(10).	PIC X(28) VALUE SPACES. 00000790	PIC X(10).	PIC X(41) VALUE SPACES. 00000810	00000850	0000000	00000840	00000820		0000020+ THE FOLLOWING SET OF STRUCTURES CONSTITUTE A PSEUDO FD FOR	0000030* THE HISTORY FILE (HIST). THIS FILE IS ACCESSED FOR INPUT BY A	0000040" CALL "READER" INSTRUCTION AND FOR OUTPUT BY A CALL "WRITER"	0000050* INSTRUCTION, EACH WITH APPROPRIATE PARAMETERS.
INPUT LISTING	:	03 FILLER PIC X(11)	OT HEADER-LINE.	03 FILLER PIC X(30)	03 FILLER PIC X(27)	03 FILLER PIC X(11)	03 FILLER PIC X(27)	03 FILLER PIC X(38)		O1 DETAIL-LINE.	O3 FILLER	O3 ERR-OLD-MID P	O3 FILLER	O3 ERR-NEW-MID P	03 FILLER	EJECT	EJECT	•	-INC. SRSFD	000010*	000020* THE FOLLOWING SET OF ST	000030* THE HISTORY FILE (HIST).	000040 CALL 'READER' INSTRUCTION	AN HILM HOAR MOTTOURTENT MOROCOO
14/78	DA GRAD	92	99	67	68	69	02	1.1	72	73	74	75	76	17	78			13	62	80	ô	85	83	26

14/78	INPUT LISTING	90			AUTOFLOW CHART SET - SRS MID CHGS TO HIST FILE	
ARD NO	i				CONTENTS	
S	•000000					
98	0000000	WRIT	ER COLLECTS AND	ASSE	WRITER COLLECTS AND ASSEMBLES THE HISTORY RECORD AND PLACES	
97	0000000	I IN	AN OUTPUT BUFFE	R. RE	OCCOBG IT IN AN OUTPUT BUFFER. READER LOCATES A HISTORY RECORD IN AN	
88	1 -060000	NPUT	BUFFER AND DIST	RIBUT	000090" INPUT BUFFER AND DISTRIBUTES THE SEGMENTS TO THE APPROPRIATE	
6.8	\$ -001000	EGMEN	SEGMENT STRUCTURES BELOW.	LOW.		
06	000110					
16	000120* THE		FIXED AREA IS		AREA NUMBER 1.	
92	000130					
93	000140- LENGTH	ENGTH	I IS 132 BYTES.			
94	000150*					
95	000160 01		SRS-HIST-REC.			
96	000170	05	FIXED.			
25	000180	03	AREA-COUNT	PIC	PIC 99 COMP-3 OCCURS 15 TIMES.	
86	061000	03	MID.			
66	0002000		OS BRANCH	PIC	×	
100	0000510		05 SSN	PIC	x(9).	
101	0000250	03	NAME	D14	x(20).	
102	000230	03	INITIALS	PIC	ххх.	
103	000240	03	RACE	PIC	×	
104	000250	03	SEX	P1C	х.	
105	000260	03	ETHNIC-GROUP	PIC	×.	
106	000270	03	HOME-STATE	PIC	xx.	
101	000280	03	HOME - COUNTY	PIC	X(4).	

07/14/78		INPUT LISTING	ING			4	AUTOFLOW CHART SET - SRS	MID CHGS TO HIST FILE
CARD NO	0	:				CONTENTS	INTS	ì
108	æ	000250	03	03 DATE-OF-BIRTH		PIC 9(6)	COMP-3.	
109	0	000300	03	4 F A D B D	PIC	9(6)	COMP-3.	
110	0	000310	63	ACTUAL - EAS	PIC	X(6).		
		000320	03	PE80	PIC	6(6)	COMP-3.	
112	2	0000330	03	GRAD-SEP-DATE	PIC	x(6).		
113	3	000340	03	CRAD-SEP-FLAG	PIC	×		
114	•	000350	03	MCC-ENLISTED	910	XXX.		
115	v	000360	03	DUTY-LIMIT-ENTRY PIC X.	TRY P.	. x		
116	9	0000370	03	CITIZENSHIP	P.1C	xx.		
117	1	000380	03	MARITAL-STATUS PIC	S PIC	×		
118	an	000320	03	NUM-CEP-ENTRY	PIC	×		
- 119	6	000400	63	NUM-DEP-CURR	PIC	×		
120	0	0004.0	03	CIV-ED-ENTRY.				
121		000420		OS YEARS-ED	PIC	xx.		
122		000430		OS DEGREE	PIC	×		
123	3	000450	03	CIV-ED-CURR.				
124	•	000490		US YEARS-ED	PIC	XX.		
125	S	000460		OS DEGREE	PIC	×		
		000470	EJ	EJECT				
126	9	000480	03	03 PROG-ENL-FOR	PIC XX.	XX.		
127	1	000490*	FILLE	FILLER INSERTED FOR SEC-EST, VISION.	DR SÉ	C-EST.	VISION. SPACE IS	
128	80	.005000	BEING	MAINTAINED	HERE	FOR FL	BEING MAINTAINED HERE FOR FUTURE EXPANSION.	
129	6	015000	03	FILLER	PIC	XX.		

/14/78	INPUT LISTING				AUTOF	AUTOFLOW CHART SET . SRS	KID CHGS TO HIST FILE
CARD NO	i			3	CONTENTS		i
152	000150	65	AFEE-FORM-NUMBER	35.8	PIC XX.	xx.	
153	090000	90	AFEES.				
154	000770		C7 AFEES-C-CO	0	PIC	xxx.	
155	000130		07 AFEES-C-FA		PIC	xxx.	
156	000000		07 AFEES-C-EL		910	XXX.	
157	008000		07 AFEES-C-OF		PIC	XXX.	
156	000810		O7 AFEES-C-GM		214	XXX.	
159	000820		O7 AFEES-C-MM		D16	XXX.	
160	000830		O7 AFEES-C-CL		PIC	XXX.	
161	000840		07 AFEES-C-ST		PIC	XXX.	
162	000820		07 AFEES-C-GT		PIC	XXX.	
163	098000		07 AFEES-C-SC	.,	PIC	XXX.	
164	000810		07 AFEES-C-RC	.,	PIC	XXX.	
165	000000		07 AFEES-C-RES2	: 52.	PIC	XXX.	
166	000000	65	AFEE-MNTL-GP-SCORE	SCORE	PIC XX.	xx.	
167	006000	90	AFEE-TEST-FLAG	(3	PIC X.	х.	
168	.016000						
165	000920 03	DEP	DEPOT - SCORES.				
170	000030	90	DEPOT - FORM - NUMBER	RBER	PIC XX.	XX.	
171	0::6000	90	DEPOT.				
172	000000		07 DEPOT-C-CO	0	PIC	xxx.	
173	096000		07 DEPOT-C-FA		PIC	xxx.	
174	000970		07 DEPOT-C-EL		PIC	xxx.	

											The second secon	
1/14/78		INPUT LISTING	92					¥	JTOFL	AUTOFLOW CHART SET - SRS	MID CHGS TO HIST FILE	
CARD NO	9	:						CONTENTS	ENTS		į	
17	175	086000			07	DEPOT-C-OF	-0F	Ī	PIC	xxx.		
176	10	066000			07	DEPOT-C-GM	*5-		PIC	xxx.		
177	.7	001000			07	DEPOT-C-MM	- MM		PIC	xxx.		
178	80	010100			07	DEPOT-C-CL	10-		PIC	xxx.		
179	6	001020			07	DEPOT-C-ST	-ST		PIC	xxx.		
180	0	001030			07	DEPOT-C-GT	15.		PIC	XXX.		
181		001040			07	DEPOT-C-SC	os-		PIC	XXX.		
182	2	001050			07	DEPOT-C-RC	-RC		PIC	xxx.		
183	3	090100			07	07 DEPOT-C-RES2	RES2		PIC	xxx.		
184	4	001000		90	DEPO	DEPOT-GT-GCT	_		PIC XXX.	×.		
165	S	001000		90	0500	DEPOT-TEST-DATE	DATE		PIC X(6).	(6).		
186	9	.060100										
197	7	001100 ETST SCORE DELETED PER	151	SCORE	DE	ETED.		OMC	STAF	HOMC STAFF RECOMMENDATION.		
188	æ	011100	03	O3 TYPING	S				PIC XXX.	Č.		
189	6	001120	03	EDPT					PIC XXX.	×.		
190	0	001130+ RC		SCORE		DELETED	PER H	OMC	STAF	HOMC STAFF RECOMMENDATION.		
191		001140	63	03 ALAT					PIC XX.	J		
		001150	E	EJECT								
192	2	001160-										
193		001170** THE MILITARY-EDUCATION AREA IS AREA NUMBER	THE M	ILITA	RY-EL	OUCATION	A AREA	15	AREA	NUMBER 3.		
194	4	001180										
195	9	001190* LENGTH	ENGTH	15	32	BYTES.						
196	9	001200										

81/11/	INPUT LISTING AUTOFLOW CHART SET - SRS MID CHGS TO HIST FILE	w
CARD NO	CONTENTS	
16:	CO12:0 02 MILITARY-EDUCATION OCCURS O TO 20 TIMES.	
159	CO1220 03 COLRSE-CODE PIC XXX.	
199	001230 03 TO-DATE PIC X(6).	
200	001240 03 FROM-DATE PIC X(6).	
201	001250 03 FLAG PIC X.	
202	001260 03 COURSE-GRADE PIC XXX.	
203	001270 03 FILLER PIC X(13).	
204	001280	
205	001290 - THE FILLER IS INCLUDED HERE TO MAINTAIN A TOTAL OF 32 BYTES.	
206	001350 - SOME RE-DEFINITION OF FIELDS IS STILL REQUIRED. (20 JAN 76).	
207	CO1310* THE ENLISTMENT AREA IS AREA NUMBER 4.	
208	001320	
209	001330" LENGTH IS 24 BYTES.	
210	0013.0	
211	001350 02 ENLISTMENT OCCURS 1 TO 20 TIMES.	
212	001360 03 SOURCE-OF-ENTRY.	
213	001370 05 SOE-1 PIC X.	
214	001360 05 SOE-2 PIC X.	
215	001390 05 SOE-3 PIC X.	
216	001400 05 SOE-4 PIC X.	
217	001410 03 DO-ENLISTMENT PIC 9(6) COMP-3.	
218	001420 03 LNG-ENLISTMENT PIC X.	
219	001433 03 COMPCNENT-CODE PIC XXX.	

AUTOFLOW CHART SET - SRS MID CHGS TO HIST FILE	•			TIMES.		9(6) COMP-3.						30 TIMES.	9(6) COMP-3.							30 TIMES.	9(6) COMP-3.	COMP-3.		
AUTOFLOW C	CONTENTS	4 IS 8 BYTES.		GRADES OCCURS 1 TO 20 TIMES.	O3 GRADE PIC XXX.	03 DATE-OF-RANK PIC 9(6)	SLACK-BYTE4 PIC X.	CO1730* UA-SHORT IS AREA NUMBER 7.		IS 6 BYTES.		UA-SHORT OCCURS 0 TO	03 DATE-OF-UA PIC 9(6)	03 UA-SH-FLAG PIC X.	SLACK-BYTES PIC X.	CO18:0- UA-LONG IS AREA NUMBER 8.		IS 10 BYTES.		UA-LONG OCCURS 0 TO	03 TO-UA-DATE PIC 9(6)	03 FROM-UA-DATE PIC 9(6)	03 UA-FLAG PIC X.	
INPUT LISTING	i	001670* LENGTH IS	001680-	001630 02	001100	01710	. 001720 03	001730* UA-SHO	001740-	001750* LENGTH	001760*	001770 02	001780	001790	001800 03	001810- UA-LON	001820	001830*LENGTH	001840*	001850 02	001860	001870	001880	
07/14/78	CARD NO	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	. 260	261	262	163	

07/14/78	INPUT LISTING AUTOFLOW CHART SET - SRS	MID CHGS TO HIST FILE
CARD NO	CONTENTS	:
265	CO1900 DESERTION IS AREA NUMBER 9.	
266	OC19:0" LENGTH IS 8 BYTES.	
267	001920 02 DESERTION OCCURS O TO 20 TIMES.	
268	001930 03 TO-DES-DATE PIC 9(6) COMP-3.	
269	00:940 G3 FROM-DES-DATE PIC 9(6) COMP-3.	
270	001950-	
27.1	001960" TRANSFERS IS AREA NUMBER 10.	
272	CO1970 - UPDATED FROM JD-STATS.	
273	.001960-	
274	CO1990* LENGTH IS 16 BYTES.	
275	. 002000	
276	002010 02 TRANSFERS OCCURS 1 TO 60 TIMES.	
277	002020 03 FMCC PIC XXX.	
278	002030 03 PMCC PIC XXX.	
279	002040 03 RUC PIC X(5).	
280	002050 03 BEGIN-DATE PIC 9(6) COMP-3.	
281	002060 03 STREN-CAT PIC X.	
	002070 EJECT	
282	002080*	
283	002090" TURBULENCE IS AREA NUMBER 11.	
284	CO2100" UPDATED FROM UP-STATS.	
285	002110*	
286	002120* LENGTH IS 38 BYTES.	

SRS MID CHGS TO HIST FILE	:															ţ						٠		
AUTOFLOW CHART SET - SRS			TIMES.			COMP-3.	COMP-3.	COMP-3.					.50	COMP-3.		COMP-3.				20 TIMES.		COMP-3.		
OM CH			20	XXX.	XXX.	(9)6	(9)6	(9)6	×	xx.	XX.	XX.	×.	(9)6	XXX.	6(6)				20 T	X(4).	9(6)		
AUTOFL	CONTENTS		0 10	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC XX.	PIC X.	PIC	PIC	PIC				1 10	PIC	PIC		
	3		TUREULENCE OCCURS	03 PRES-MCC	FORM-MCC	INT-TRANS-DATE	оств	D-0-4CT	REASON-CODE	TCUR-CONT-FAC	PCS-C0ST-CD	TRAINEE-FLG	REASON-FLAG	LAST-DATE-DET	GEO-10C-CODE	GEO-DCTB	SLACK-BYTE8 PIC X.	CO22907 MOS IS AREA NUMBER 12.	8 BYTES.	OCCURS	PRIMARY-MOS	MOS-DATE	CO2340* BONUS IS AREA NUMBER 13.	6 BYTES.
			1028	03	03	60	03	03	03	03	03	03	03	03	03	03	SLAC	AREA	1 5	MOS	03	03	IS AR	1.5
LISTING			05														03	MOS 15	LENGTH	05			BONUS	LENGTH
INPUT LIS	i	002130	002140	002150	002160	002170	002180	002190	002200	002210	002220	002230	002240	002250	002260	. 002270	002280	002290	002300" LENGTH 15	002310	002333	002330	002340*	002350" LENGTH 15
07/14/78	CARD NO	287	288	239	290	291	292	293	294	295	296	297	298	599	300	301	302	303	304	305	306	307	308	309

MID CHGS TO HIST FILE	ì											00000000	00000870	00000000	06800000	00600000	00000010	00000920	06000000	00000940	00000000	09600000	00000000	00000000	
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	002350 02 BCVUS OCCURS O TO 10 TIMES.	002370 03 SRB-BON-TYPE PIC X.	002360 03 ZONE PIC X.	002390 03 BONUS-DATE PIC 9(6) COMP-3.	002400	C02410* TWO SPARE AREAS	002420 02 SPARE14.	002430 03 FILLER PIC X.	002440 02 SPARE15.	002450 03 FILLER PIC X.	EJECT		PROCEDURE DIVISION.	PERFORM OPEN-ROUTINE THRU OPEN-ROUTINE-END.	START-UP.	PERFORM UPDT-READ THRU UPDT-READ-END.	GET-HIST-REC.	PERFORM READ-HIST THRU READ-HIST-END.	COMPARE-MID.	IF MID < MID-FROM	THEN PERFORM UNCH-REC-OUT	GO TO GET-HIST-REC.	IF MID = MID-FROM	
14/78	APE NO	310	311	312	313	314	315	316	317	918	319		320	321	322	323	324	325	326	327	328	329	330	331	

MID CHGS TO HIST FILE	***	06500000	00001000	00001010	00001020	00001030	0.010000	00001050	00001000	00001070	00001080	000010000	00001100	00001110	00001120	00001130	00001140	00001150	00001160	00001170	00001180	00001190	00001200	00001210	
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	THEN NOVE MID-TO TO MID	PERFORM CHG-REC-OUT	GO TO START-UP.	PERFORM ERR-MESS-OUT.	PERFORM UPDT-READ THRU UPDT-READ-END.	GO TO COMPARE-MID.	EJECT		OPEN-ROUTINE.	OPEN INPUT IN-SSN-CHG.	OPEN OUTPUT ERR-OUT, EOJ-DISPLAY.	MOVE '0' TO EOF.	MOVE ZERO TO IN-CHG-CTR, IN-HIST-CTR, OUT-HIST-CTR.	HIST-CHG-CTR.	MOVE ZERO TO ABEND-SWITCH, ERROR-SWITCH,	MOVE LOW-VALUES TO OLD-FROM-MID, OLD-HIST-MID.	OLD-TO-MID.	OPEN-ROUTINE-END.		UPDI-READ.	READ-CHG-REC.	READ IN-SSN-CHG. AT END GO TO UPDT-READ-CHECK.	IF MID-TO NOT . ZEROS THEN	
07/14/78	CARD NO	332	333	334	335	336	337		338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	

LISTING MID CHGS TO HIST FILE	CONTENTS	CALL 'READER' USING FIXED, SCORES, MILITARY-EDUCATION (1),00001450	ENLISTMENT (1), EXTENSION (1), GRADES (1),	UA-SHORT (1). UA-LONG (1), DESERTION (1). 00001470	TRANSFERS (1). TURBULENCE (1). MOS (1). BONUS (1). 00001480	SPARE14, SPARE15, EOF. 00001490	IF EOF = '1' GO TO READ-HIST-CHECK. 00001500	IF MID > OLD-HIST-MID GO TO HIST-MID-OK. 00001510	MOVE 1 TO ABEND-SWITCH.	PERFORM EOJ-ROUTINE.	HIST-MID-OK.	MOZE MID TO OLD-HIST-MID.	4D5 1 TO IN-HIST-CTR. 00001560	READ-HIST-END. EXIT.	READ-HIST-CHECK.	IF MID-FROM = HIGH-VALUES.	THEN PERFORM EOU-ROUTINE	ELSE MOVE HIGH-VALUES TO MID	GO TO READ-HIST-END. 00001620	. 00001630	UNCH-REC-0UT. 00001640	4DD 1 TO OUT-HIST-CTR. 00001650	CALL 'WRITER' USING FIXED, SCORES, MILITARY-EDUCATION (1),00001660	ENLISTMENT (1), EXTENSION (1), GRADES (1), 00001670	
INPUT LISTI	:										II			RE	RE					•	אוח				
07/14/78	CARD NO	377	378	379	330	381	382	383	384	385	386	387	388	392	390	391	392	393	394	335	396	397	398	399	

27/14/78 CARD NO 400 401	AUTOFLOW CHART SET - SRS MID CH CONTENTS UA-SHORT (1). UA-LONG (1). DESERTION (1). OCC TRANSFERS (1). TURBULENCE (1). MOS (1). BONUS (1). OCC SPARE14. SFARE15.	MID CHGS TO HIST FILE 00001630 00001630
404 404 405 406 409	CHG-REC-OUT. ADD 1 TO HIST-CHG-CTR. CALL 'WRITCH' USING FIXED, SCORES, MILITARY-EDUCATION (1), 00001730 ENLISTMENT (1), EXTENSION (1), GRADES (1), UA-SHORT (1), UA-LONG (1), DESERTION (1), TRANSFERS (1), TURBULENCE (1), MOS (1), BONUS (1), 00001770	00001710 00001720 00001730 00001740 00001750
014 4 4 4 4 6 10 10 10 10 10 10 10 10 10 10 10 10 10	SPARE14. SPARE15. ERR-MESS-OUT. IF ERROR-SWITCH = ZERO THEN MOVE 1 TO ERROR-SWITCH MOVE 'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO WRITE ERR-OUT-REC FROM TOP-LINES AFTER ADVANCING OOG	00001780 00001790 00001810 00001820
416 418 420 420 422	MOVE 'PAIRED SSN CHANGE RECORDS WITH' TO TOP-INFO OOC WRITE ERR-OUT-REC FROM TOP-LINES AFTER 2 LINES OOC MOVE 'NO MATCHING HISTORY RECORDS' TO TOP-INFO OOC WRITE ERR-OUT-REC FROM TOP-LINES AFTER 2 LINES OOC	00001840 00001850 00001860 00001880 00001890

MID CHGS TO HIST FILE	ì	0161	1920	1930	1940	1950	1960	1970	1980	0661	2000	2010	2020	2030	2040	2050	2060	2070	2080	2090	2100	2110	2120	2130	
AUTOFLOW CHART SET - SRS MID CHGS	CONTENTS	CURRENT-DATE TO CUR-DAT	DATE-LINE TO TOP-INFO 00001920	ERR-CUT-REC FROM TOP-LINES AFTER ADVANCING 00001930	2 LINES 00001940	ERR-OUT-REC FROM MEADER-LINE	AFTER 5 LINES. 00001960	MID-FFOM TO ERR-OLD-MID.	MID-TO TO ERR-NEW-MID. 00001980	ERR-OUT-REC FROM DETAIL-LINE	AFTER 2 LINES, 00002000	ABEND-SWITCH = 2	THEN MOVE ' ** ABNORMAL END *** ' TO 00002020	TOP-INFO 00002030	WRITE ERR-DUT-REC FROM TOP-LINES AFTER 00002040	5 LINES 00002050	MOVE ' ** SEQUENCE ERROR ** ' TO 00002060	TOP-INFO 00002C70	WRITE ERR-JUT-REC FROM TOP-LINES AFTER 00002080	3 LINES. 00002090	vE. 00002100	STATISTICAL RETRIEVAL SYSTEMY TO TOP-INFO, 00002110	EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING 00002120	TO-NEW-PAGE, 00002130	
INPUT LISTING	1	MOVE	MOVE	MRITE		WRITE		NOVE	MOVE	WRITE		IF AE	Ė								. EOJ-ROUTINE	MOVE	WRITE		
07/14/78	CARD NO	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	414	445	

)		
81/11/10	INPUT LISTING AUTOFLOW CHART SET - SRS MI	MID CHGS TO HIST FILE
CARD NO	CONTENTS	:
446	MOVE ' MID CHANGES TO HISTORY FILE ' TO TOP-INFO.	00002140
447	WRITE EOU-DISPLAY-REC FROM TOP-LINES AFTER	00002150
418	2 LINES.	00002160
449	MOVE CURRENT-DATE TO CUR-DAT.	00002170
450	MOVE DATE-LINE TO TOP-INFO.	00002180
451	MRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING	00002190
452	2 LINES.	00002200
453	IF ABEND-SWITCH = 0	00002210
454	THEN MOVE " NORMAL END OF JOB " TO	00002220
455	TOP-INFO	00002230
456	WRITE EOU-DISPLAY-REC FROM TOP-LINES AFTER	00002240
457	ADVANCING 5 LINES	00002250
458	ELSE MOVE " ** ABNORMAL END *** ' TO	00002260
459	TOP-INFO	00002270
460	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER	00002280
461	ADVANCING 5 LINES	00002290
462	MOVE " ** SEQUENCE ERROR ** ' TO	00002300
463	TOP-INFO	00002310
464	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER	00002320
465	ADVANCING 3 LINES	00002330
466	IF ABEND-SWITCH # 1	00002340
467	THEN MOVE	00002350
468	SRS HISTORY FILE ' TO TOP-INFO 00002360	00002360

3713 151																									
INPUT LISTING AUTOFLOW CHART SET - SRS MID CHGS TO HIST FILE	CONTENTS	WRITE EOU-DISPLAY-REC FROM TOP-LINES AFTER 00002370	ADVANCING 3 LINES 00002380	ELSE MOVE 00002390	* SSN CHANGE FILE ' TO TOP-INFO 00002400	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00002410	ADVANCING 3 LINES. 00002420	MOVE 'NUMBER OF SSN CHANGE RECORDS READ ' TO LOW-INFO.00002430	MOVE IN-CHG-CTR TO LOW-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00002450	S LINES. 00002460	MOVE 'NUMBER OF SRS HISTORY RECORDS INPUT' TO LOW-INFO.00002470	MOVE IN-HIST-CTR TO LOW-NUM. 00002480	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00002450	2 LINES. 00002500	MOVE 'NUMBER OF UNCHANGED SRS HISTORY RECORDS ' TO LOW-INFO. 00002510	MOVE OUT-HIST-CTR TO LOW-NUM. 00002520	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00002530	2 LINES. 00002540	MOVE 'NUMBER OF SRS HISTORY CHANGES OUTPUT' TO LOW-INFO.00002550	MOVE HIST-CHG-CTR TO LOW-NUM. 00002560	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00002570	2 LINES. 00002580	CALL 'CLOSER'. 00002590	
07/14/78	CAPD NC	469	470	177	472	473	474	475	476	477	478	479	780	181	482	483	484	485	486	487	488	469	490	491	

T FILE				
MID CHGS TO HIST FILE	:	00002600	00002610	000000
T · SRS				
AUTOFLOW CHART SET - SRS	ENTS		EOJ-DISPLAY.	
ă	CONTENTS		ERR-OUT.	
		CALL 'CLOSCH'.	CLOSE IN-SSN-CHG, ERR-OUT, EOJ-DISPLAY.	RUN
ISTING		CALL	SCLOSE	STOP RUN
INPUT LISTING	:			
/14/78	CARD NO	492	493	494

3.8.4 Flowchart. The following chart is an AUTOFLOW charting of the SRSHSSN logic.

GET-HIST-REC

1.03.

CHART TITLE - PROCEDURE DIVISION

07/14/78

/ (000322) /

5

PAGE

MID CHGS TO HIST FILE

AUTOFLOW CHART SET - SRS

1011

/ (000340) /	01.01>	OFEN-ROUTINE PARAGRAPH		(000341) 1 06	, ,	/ TUGNI N3GO/	/ IN-SSN-CHG /	,	1	 (000342) 1 07	/	,	/OPEN OUTPUT/	ERR-DUI	,		•		,	/ 3.01						
				(000336) 1 04		I I I PERFORM I 41	I ERR-MESS- I	10 1 001 1 01		 1 (755,000)		•••		I. I UPDI-HEAD I .I	I UPDT-READ- :	I GNO I	• • • • • • • • • • • • • • • • • • • •	-	•	:		. 1.04.	 	COMPARE-MID		
/ (0000332) /	01.04>1		02	MID-FROM *		•	IYES			1 10000000		I WOVE . I	1 MID-TO TO MID 1			*										
													******	0		1 I PERFORW I 2	I CHG-REC-OUT I		77		1		. 203		***	START-UP

T - SRS MID CHGS TO HIST FILE

PAGE 03

AUTOFLOW CHART SET - SRS

07/14/78

.<	(000357) . 05	MID-FROM-MID YES OLD-FROM-MID 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
04.02>	(000356) • 04	WID-TO = ZERO -++ II I	
	(000354) 02	MID-TO NOT = NO I ZEROS	•
03.06>	(000353) • 01	INO OF FILE TO SELVENT INO OZ III UPDT-READ II	

07/14/78

CHART TITLE - PROCEDURE DIVISION

05

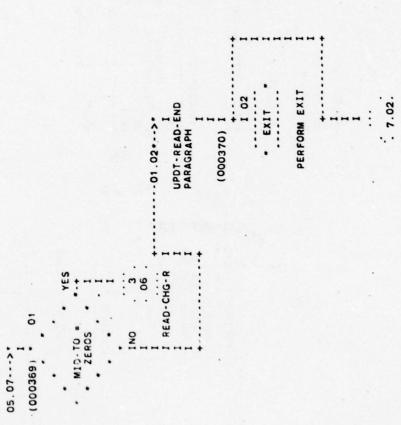
PAGE

MID CHGS TO HIST FILE

AUTOFLOW CHART SET - SRS

- 265 -

UPDT-READ-CHECK



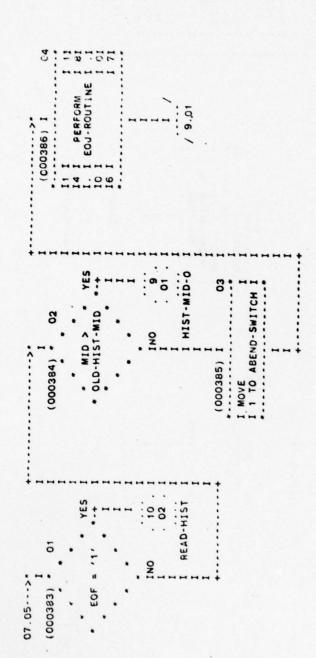
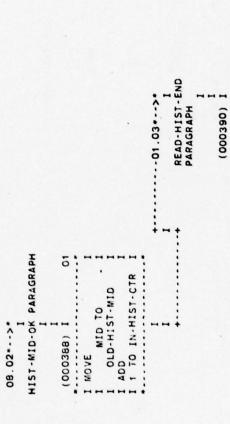


CHART TITLE - PROCEDURE DIVISION



1 02 • EXIT

PERFORM EXIT

READ-HIST-CHECK

.10.02.

- 269 -

CHART TITLE . PROCEDURE DIVISION

/ (060000) /	01.05*>	UNCH-REC-OUT PARAGRAPH	(000398) I C4	I ADD I TO OUT-HIST-CTR I		/11.01				
			SCHOOL STORY		(000394) 1 03	I MOVE I HIGH-VALUES TO I		. 9.02.	READ-HIST-END	
/ (000391) /	08.01*>*	READ-HIST-CHECK . PARAGRAPH	(000392) + 02	•	* MID-FROM = *	* * I YES		-		
						- 270	_	1 (262000)	14 i PERFORM I 61. 10 I EOU-ROUTINE I 1.	. 10.04.

84/11/10

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CHART TITLE - PROCEDURE DIVISION

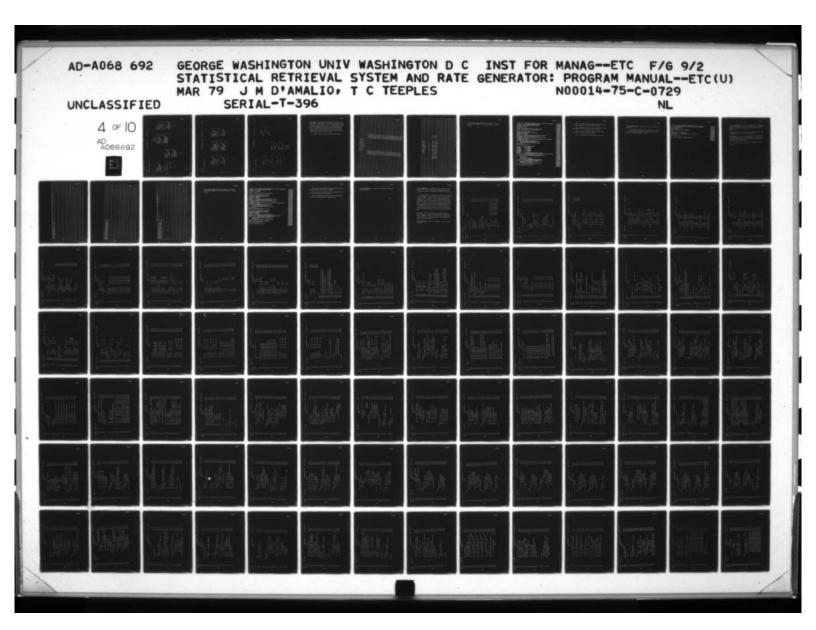
	(000414) I 05		I MOVE	1 1 TO ERROR-SAITCH 1	I MOVE I	I 'STATISTICAL I	I RETRIEVAL SYSTEM' I	I 10 TOF-INFO I		I	-	(000416) 1 06		/ 37:7E	/ ERR-OUT-PFC /	/FROW TOP-LINES /	/AFTER ADVANCING/	/ TO-NEW-PAGE /			1 311000		I KOVE	I PAIRED SSW I	I CHANGE RECORDS I	I WITH' TO TOP. INFO I	***************************************	I		I	1 /	
02.04>*	1	ERR-MESS-OUT	PARAGRAPH	•		-	(000413) * 04 1	٠		I 0N .	. ERROR-SWITCH	* * ZERO * I I				IYES . 13 . I		I I				•										
•	-	-				-		•	-	-		-	-	-			-	t02.01*>*	1 (000407) 1	+	201	* Exil * 11	11	11	PERFORM EXIT I I	11	I *	1	1	+	4	ERR-MESS-OUT
																I	I	I	_			:										

(000432) 1 08	/WRITE / ERR-OUT-REC /	/ DETAIL-LINE / AFTER 2 LINES /		(000434)	* ABEND-SWITCH **	1 1YES 14	3	/14.01
(000428) 1 06 1	/WRITE / I	/ FROM / I / HEADER-LINE / I / AFTER 5 LINES / I	12.04>1 1 (000430) 1 07 1	I MOVE I I I I I I I I I I I I I I I I I I I	I MOVE I MOVE I MD-TO TO I I I ERR-NEW-MID I I	•		
(000424) I 04 I	I MOVE I CURRENT-DATE TO I I	I MOVE I I I I I I I I I I I I I I I I I I I	I	(000426) I 05 I	/FROM TCP-LINES / I /AFTER ADVANCING/ I / 2 LINES / I			
12.07>- (000419) I 0: I	WRITE	/ FRR-OUT-REC / I / FROM TOP-LINES / I / AFTER 2 LINES / I	I I I I I I I I I I I I I I I I I I I	I MOVE I I I	I HISTORY RECORDS' I I I TO TOP-INFO I I I	(000422) I 03 I	/ WRITE FRR-CUIT-REC	

- 274 -

07/14/78

15



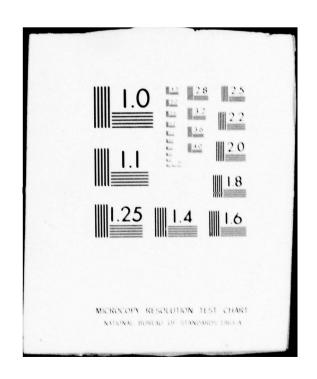


CHART TITLE - PROCEDURE DIVISION

																					TM-	-0
	(000476) I 07	I MOVE	I 'NUMBER OF SSN I CHANGE RECURDS I	I READ ' TO I LOW-INFO I .	I MOVE I IN-CHG-CTR TO I	I LOW-NOM I	н,	. (000478) I 08	, , , , , , , , , , , , , , , , , , , ,	/EOJ-DISPLAY-REC/	/FROM LOW-LINES /	/ S LINES /				,	/17.01					
/ (000472) /	16.02>I 05 I	I MOVE	I FILE ** ' TO I I	I TOP-INFO I		(000474) I 06 I	WRITE	/FROM TOP-LINES / I	/AFTER ADVANCING/ I	1		• • • • • • • • • • • • • • • • • • • •										
							•		I MOVE	I ' ** SAS HISTORY I	I FILE ** ' TO I			(000470) 1 04	/ allow/	/EOJ-DISPLAY-REC/	/ FROM TOP-LINES /	/ 3 LINES /	 	-	 .16.07.	
	15.07>* (000465) I 01	/WRITE /	/FROM TOP-LINES /	/AFTER ADVANCING/			(000467) * 02	* * * * * * * * * * * * * * * * * * * *	I ON * HOLLMO-CNEED *	* *	* * *	*	IYES . 16 . I				*					

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AUTOFLOW CHART SET - SRS
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(000430) I 01 I	I (000484) I 03 I	I (000488) I 05
	I	
MOVE I I	I I MOVE I I	I I MOVE
I I SAS TO RESCUL.	I I NUMBER OF I I	I 'NUMBER OF SES I
HISTORY RECORDS I I	I UNCHANGED SRS I I	I HISTORY CHANGES I
INPUT' TO I	I HISTORY RECORDS ' I I	I OUTPUT TO I
LOM-INFO I I	I TO LOW-INFO I I	I LOW-INFO I
I I I	I I MOVE I I	I I MOVE I
IN-HIST-CTR TO I I	I I OUT-HIST-CTR TO I I	I HIST-CHG-CTR TO I
LOM-NUM I I	I I WUN-WOU I I	I LOM-NUM I
	I	I
1		1
		1
(600492) : 02 :	1 000 (000486) 1 04 1	I (000490) I C6
I / 3TIPK/	I /WRITE / I	/ WRITE I
/COU-DISPLAY-REC/	I /EOU-DISPLAY-REC/ I	I /EDJ-DISPLAY-REC/
/FPOR LOW-LINES / I	I /FROM LOW-LINES / I	I /FROM LOW-LINES /
/AFTER ADVANCING/	I /AFTER ADVANCING/ I	I /AFTER ADVANCING/
2 LINES / I	1 / 2 LINES / I	I / 2 LINES /
	I	I
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CHART TITLE - PROCEDURE DIVISION.

- 277 -

END OF RUN

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	(000494) I 04	(000495) I 05 /CLOSE /CLOSE /EOJ-DISPLAY I (000495) I 06	
(000493) I 02	CALL CLOSCH H H H H H H H H H H H H H H H H H H	CLOSE IN-SSN-CHG	

3.8.5 Output. The output from this program will be two data sets. One data set will be written on disk. This is usually on the order of a few hundred records. The disk data set consists of those history records that had their MID changed, therefore these are not in sequence on MID at this point. The other data set is on tape and consists of all the history records that did not require an MID change. Thus, these are still in sequence on MID. In the next step, the disk data set will be sorted and merged back into the tape in the proper sequence.

A sample of the printer output from program SRSHSSN follows.

																						rm-6	042	3		· ·
VAL SYSTEM	ORY RECORDS.		NEW MID	001039 4715	0028426348	0057381374	0080387027	0086408164	0107447753	0125362913	0136440528	0138409228	0150424846	0152442303	0152464652	0178420819	0180422647	0216560354	0220640778	0577705504	0226787551	0226787551	0242780160	0254880591	0248844696	0248844696
STATISTICAL RETRIEVAL SYSTEM PATRED SSN CHANGE RECOADS WITH	NO_MATCHING_HISTORY_RECORDS	71757170	OLO MID	0010884715	0028462348	0057881374	0080377027	0086408146	0107445557	0125352913	0136440525	0138409223	0153424866	. 0152442302	0152465246	01 784 28019	0180422642	. 0216560352	0220647087	0226448382	0226787751	0226797551	0242781166	0245880591	024846494	0248446496
											-	280	_													

				TM-60423
	YSTEM ILE			SEAD = 478 INPUT = 372,247 SCORDS = 373,843 OUTPUT = 404
	STATISTICAL RETRIEVAL SYSTEM	991/27/17	NORMAL END OF JOB	SSA CHANGE RECORDS SRS HISTORY RECORDS UNCHANGED SKS HISTORY CHANGES
				NUMBER OF NUMBER OF
0.				- 281 -

3.8.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution.

```
//15719131 JOB (701R. MPI3), JENKINS-EXEC HSSN .TIME=25.TYPRUN=HOLD
                                                                           00000010
/ DBLIB DD DSN=HQMCI.MPI.LOADLIB.DISP=SHR
                                                                           00000020
//STEPONE
            EXEC PGM=1EHPRCGM.REGION=80K
                                                                           00000030
//SYSPRINT DD SYSOUT=A
                                                                           00000040
//SYSOUT DD SYSOUT=A
                                                                           00000050
//SYSIN DD .
                                                                           00000060
UNCATLG DSNAME=HOMC1.MPI2.C1080.SRSHIST.TEMPN
                                                                           00000070
 UNCATLG DSNAME=HQMC1.NPI2.C1080.SRSCHGHN
                                                                           08000000
1+
                                                                           00000000
//STEP1 EXEC PGM= IERRCOOD
                                                                           00000100
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                           00000110
//SYSUDUMP DD SYSOUT=A
                                                                           00000120
//SYSOUT DD SYSOUT=A
                                                                           00000130
              DSN=HQMC1.MPI2.C1080.SRSN.HISTUP.DISP=DLD
                                                                           00000140
//SORTIN DD
//SORTWKO1 DD UNIT=SYSDA.SPACE=(TRK.(100))
                                                                           00000150
//SURTHKO2 DD UNIT=(SYSDA.SEP=SORTHKO1).AFF=SCRTHKO1.
                                                                           00000160
                                                                           00000170
    SPACE=(TRK.(100))
//SORTWK03 DD UNIT=(SYSDA.SEP=(SORTWK01.SORTWK02)).AFF=SORTWK01.
                                                                           00000180
    SPACE=(TRK-(100))
                                                                           00000190
//SORTOUT
           DO DSN=6HISTUP.DISP=(NEW.PASS).
                                                                           00000200
"
       UNIT=3330.SPACE=(TRK.(80.21).
                                                                           00000210
"
       DCB=(RECFM=FB.LRECL=20.BLKS[ZE=2000)
                                                                           00000220
//SYSIN DD +
                                                                           00000230
SORT FIELDS=(1.10.CH.A)
                                                                           00000240
1.
                                                                           00000250
                                                                           00000260
   EXEC PGM=SRSHSSN,REGION=150K
//
                                                                           00000270
//SYSPRINT
               DD SYSOUT=A
               DD
                                                                           00000280
//SYSOUT
                   SYSQUT=A
                                                                           00000290
//SYSUDUMP
               DD
                   SYSOUT=A
                                                                           00000300
//SY SDROUT
               OO
                   SYSOUT=A
                                                                           00000310
                   SYSOUT=A
               DD
//ERRMESSG
               DD
                   SYSOUT=A
                                                                           00000320
//SYSPRINT
                                                                           00000330
//SSNCHGIN
               DD
                   DS N= &HISTUP .DISP=(OLD .DELETE)
            DD DISP=OLD.VOL=(PRIVATE...SER=(SRS001.SRS002.SRS003)).
                                                                           00000340
//INPUT
       DSN=HQMC1.MP12.C1080.SRS-MAST.UNIT=3330
                                                                           00000350
"
//OUTPUT
             DD DSN=HQMC1.MPI2.C1080.SRSHIST.TEMPN.
                                                                           00000360
                                                                           00000370
"
       UNIT=2400-3.
11
        VOL=(...15).
                                                                           00000380
       DISP=(NEW.CATLG.DELETE).
                                                                           00000390
11
       DCB=(RECFM=VB.LRECL=6000.BLKSIZE=13030)
                                                                           00000400
                                                                           00000410
//OUTCHG
              DD DSN=HQMC1-MP12-C1080. SRSCHGHN.
       DISP=(NEW.CATLG.DELETE).UNIT=3330.
                                                                           00000420
11
                                                                           00000430
       SPACE=(TRK.(2.2).RLSE).
11
"
       DCB=(RECFM=VB,LRECL=6000.BLKSIZE=13030)
                                                                           00000440
                                                                           00000450
// EXEC IELEASE.PARM= 15719151*
                                                                           00000460
                                                                           00000470
```

- Note 1. The DSNAME in the first uncatalog statement (line 70) must be the same as the DSN in the OUTPUT DD statement (line 360).
- Note 2. The DSNAME in the second uncatalog statement (line 80) must be the same as the DSN in the OUTCHG DD statement (line 410).
- Note 3. The DSN in the SORTIN DD statement must be the current data set name of the HISTUP file output from SRS239.
 - Note 4. The INPUT DSN will always be the SRS master file name.

3.8.7 Program Maintenance. The MID field is the only field used by the program.

If program changes are necessary, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit, and replace the original load module in LOADLIB.

	6
//15733132 JOB (601R.MP12). COMP & LKED HSSN .TIME=(00.50)	00000010
// EXEC LCOBUCL.OFF=MPI1.SECT=RETRV.LLIB=LOADLIB.ROOM=MPI.	00000020
// LMEM=SRSHSSN	00000030
//LIB.SYSIN DO *	00000040
-OPT NOLIST	00000050
-SEL SRSHSSN .Q55F.RESEQ. TEMP.EXEC	00000060
-ENO	22220070
/•	00000000
//COB.SYSIN DO DSN=EELIBTEMP	0000090
//COB.SYSLIB DD DSN=HONC1.AP12.COPYLIB.DISP=SHR	00000100
/*	00000110
//LKED.SYSLIB DD	00000120
// 00	03300133
// DD DSN=HQMC1.AP12.MMSLIB.DISP=SHR	00000140
1.	00000150
11	00000160

- 3.9.1 Merge HSSN Output. This job is a two-step process. The first step is a sort for the changed records that were output on disk by the SRSHSSN program. The second step will merge these changed records back into the original file.
- 3.9.2 Input. The input for this process is the file consisting of changed records that was output on disk by the SRSHSSN program.
- 3.9.3 Output. The output of this sort/merge process is a tape data set of the SRS history file with the SSN changes applied. This data set is now ready to be matched up with the transactions (that have also had SSN changes applied) in the update process.

A sample of the printer output for the "merge HSSN output" process follows.

			TM	-60423	
24.81.45					
SYNCSORT ILL-AND-A-HALF COPYRIGHT WHITLDA COMPUTER SYSTEMS.INC. 1976 3EL 2.0BN DATE-77/255 TIME-20.19.45 Sort Fields (35.10.CH.A) RECORD IYPE-V.LENGIH-13560288.288)					
=11/255					
BN DAT					
361.2.0					
9261					
EMS. INC.					
TER_SYST					
d COMPU)					
1 WHIIL 3					
OPYR IGH		t			
GIHALE C					
LL - ANO-A S= (35.10 PE= V. L. EN					
C SORT I					
SOR	- 288 -				

#ER0451 END SORT PH *ER1241 TRK UVER-ALLOC FACTUR = PRIM/USEU=107 *ER0541 RCD IN 404. DUT 404 *ER0541 RCD IN 404. DUT 404 *ER0541 RCD IN 404. DUT 404 *ER0521 END SYNCSURT UPT= M. 15703152. CTEOL
28
1

RECORD TYPE=VILENGTH=135602E8.2881 MERAS41 RCJ IN . OUT 372247 MERAS41 PF 'S APPLIED H23456789A6COEFG MERAS21 END SYNCSORT OPT= . 1570s152.STEP7 .	
	TM-60423

0:

3.9.4 Job Control Language for Execution of Process. The following listing shows the complete set of JCL and control cards for this merge execution.

```
//15719151 JOB (701R. MP13) . JENKINS-MERGE HSSN . TIME=10. TYPRUN=HOLD
                                                                         00000010
'STEPONE
            EXEC PGM=IEHPROGN.REGION=80K
                                                                         00000020
//SYSPRINT DD SYSOUT=A
                                                                         00000030
//SYSOUT DD SYSOUT=A
                                                                         00000040
//SYSIN DD +
                                                                         00000050
UNCATLG DSNAME=HQMC1.MPI2.C1080.SRSN.UPHIST
                                                                         00000060
                                                                         00000070
//STEP6 EXEC PGM=IERRCOOO.REGION=150K
                                                                         00000080
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                         00000090
//SYSUDUMP DO SYSOUT=A
                                                                         00000100
//SYSOUT DD SYSOUT=A
                                                                         00000110
//SORTIN DD DSN=HOMC1.MPI2.C1080.SRSCHGHN.DISP=CLD
                                                                         00000120
//SORTWKO1 DD UNIT=SYSDA.SPACE=(TRK.(500))
                                                                         00000130
//SORTWKO2 DD UNIT=(SYSDA.SEP=SORTWKO1).AFF=SORTWKO1.
                                                                         00000140
   SPACE=(TRK.(500))
                                                                         00000150
//SORTWK03 DD UNIT=(SYSDA.SEP=(SORTWK01.SORTWK02)).AFF=SORTWK01.
                                                                         00000160
   SPACE=(TRK.(500))
                                                                         00000170
//SORTOUT DD DSN=&CHGOUT.DISP=(NEW.PASS).
                                                                         00000180
      UNIT=3330.SPACE=(CYL,(02,2)).
                                                                         00000190
      DCB=(RECFM=VB,LRECL=6000,BLKSIZE=13030)
                                                                         00000200
MSYSIN DD *
                                                                         00000210
SORT FIELDS=(35.10.CH.A)
                                                                         00000220
RECORD TYPE=V,LENGTH=(3560.,,288,288)
                                                                         00000230
                                                                         00000240
//STEP7 EXEC PGM=IERRC000.REGION=150K
                                                                         00000250
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                          00000260
//SYSUDUMP DD SYSOUT=A
                                                                         00000270
//SYSOUT DD SYSOUT=A
                                                                         00000280
//SORTING1 DD DSN=ECHGOUT.DISP=(OLD.DELETE)
                                                                         00000290
//SDRTING2 DD DSN=HQMC1.MPI2.C1080.SRSHIST.TEMPN.DISP=OLD
                                                                         00000300
//SORTOUT DD DSN=HQMC1.MPI2.C1080.SRSN.UPHIST,
                                                                         00000310
      DI SP=(NEW.CATLG.DELETE),UNIT=2400-3.
                                                                         00000320
11
        VOL=(...15).
                                                                         00000330
11
      DCB=(RECFM=VB.LRECL=6000.BLKSIZE=13030)
                                                                         00000340
                                                                         00000350
//SYSIN DD #
RECORD TYPE=V.LENGTH=(3560...288,288)
                                                                         00000360
MERGE FIELDS=(35.10.CH.A)
                                                                         00000374
                                                                         00000380
// EXEC IELEASE.PARM= "15719161"
                                                                         00000390
                                                                         00000400
```

- Note 1. The DSN in the SORTIN DD statement (line 120) should be the same as the changed record file output from SRSHSSN.
- Note 2. The DSN in the SORTINO2 DD statement (line 300) should be the same as the unchanged output from SRSHSSN.
- Note 3. The DSNAME in the uncatalog statement (line 60) should be the same as the DSN in the SORTOUT DD statement (line 310).

3.9.5 Process Maintenance. The SRS history records MID is the only field used in this process.

3.10.1 Program SRSUPDT. This program is the first update for the SRS history file. It takes the output from the "Merge HSSN output" step, a transaction file and the current RAMS file to produce an updated history file.

The history file that is produced as output must always be rewritten since the existing history records will grow in size and occupy more space than they did before. A history record that has no transactions to be posted is just copied from input to output. When transactions do exist for a history record, all transactions are posted to the record and then written on the output. For new accession transactions, no history record will exist. Therefore, for new accessions a brand new history record will be constructed from the accession record and a matching RAMS record. If the transactions do not have a history record to update or if they fail some validation check, they are written out as error transactions with an error code indicating the failure. (See Section 3.10.8 for the error code list.)

3.10.2 Input. There are three inputs to this program; Transactions, History, and RAMS. The transactions have had MID changes applied and were output from SRSTSSN. The history has also undergone MID changes and is the merged output from the "Merge HSSN output". The current RAMS file should be used for the RAMS input.

3.10.3 Source Program. Following is a listing for the source statements for SRSUPDT.

H.: STOR?				0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPDATE SAS HISTORY		:		00000010	000000000	05 000000	C+030000	09000000	09000000	00000000	00000000	06000000	000000100	00303110	00000120	00000130	000000140	0910000	00000	00000110	090000180	000000190	000000500	00000010
AUTOFLOW CHART SET - SRS																		TO UR-1403-5-SYSPRINT.	UR-1403-S-E9PMESST	UT-2400-5-84MSFILE.	UT-2400-S-STATFILE	UR-1403-S-EFRMESRW.	UT-2400-S-STATERR.	
3																			5	2	5	5	2	
AUTOFL		CONTENTS																ASS161	ASSIGN	ASSIGN	ASSIGN	ASSIG:	ASSIGN	
INPUT LISTING	(LIST.CHART.PARM)		OPTION AUXLIST=YES	•	IDENTIFICATION DIVISION.	PROGRAM-ID. SRSUPDI.	AUTHOR. TOM TEEPLES.	DATE-COMPILED.		ENVIRONMENT DIVISION.	CONFIGURATION SECTION.	SOURCE-COMPUTER. 18M-360-H65.	DEJECT - COMPUTER. ISM-360-H65	SPECIAL - NAMES.	CO1 IS TO-NEW-PAGE.	IAPUT-OUTPUT SECTION.	FILE-CONTROL.	SELECT EQU-DISPLAY.	SELECT ERR-DUT-ST.	SELECT RAMS-IN.	SELECT TRS-IN.	SELECT ERR-OUT-RAMS	SELECT TAS-ERR.	I-O-CONTROL.
67/13/78	COSOL WODULE	CARD NO			•	74	e	4	s	9	7	w	6	0	:	2,	13	14	70	16	1.7	œ.	5.	20

INPUT LISTING	1	RERUN ON	10001	30	EUECT	٠	9414 DIVISIO	FILE SECTION.	FD ERR-DUT-ST	13877	RECORDIN	01 ERR-OUT-ST-REC.	03 FILLER	EVECT	•	FD RAMS-IN	810CK	RECORD	13871	01 RAMS-REC	EJECT	•	FD TRS-IN	
AUTOFICH CHART SET - SRS	CONTENTS	ON UT-24CO-S-SASCKPT EVERY	10000 RECORDS	OF TRS-1N.						LABEL PECOPUS ARE OMITTED	RECORDING MODE IS F.	PEC.	PIC X(133).				BLOCK CONTAINS O	RECORD CONTAINS 1200	LABEL PECOPO STANDARD.	S-REC COPY RAMO1740.				
UPDATE SES HISTORY	•	00000220	00000230	00000240	00000250	00000260	0000000	00000180	000000380	000000300	000000310	00000320	00000000	00000340	000000320	000000360	000000370	000000390	000000360	00000400	00000410	00000420	00000430	

67/18/78	INPUT LISTING		AUTOFLOW CHART SET - SRS	UPDATE SAS HISTORY
CARD NO	1		CONTENTS	***
41		RECORD CONTAINS 240	04	000000000000000000000000000000000000000
42	148	LABEL RECORDS ST.	STANDARD.	00000460
43	10	01 TRS-IN-PEC COPY TRS01080.	PY TRS01080.	00000470
	EJECT			00000460
44	01 TRS-JP-REC.	REC.		00000490
44	4 INC 345 JF			60300000
45	02 185	TRSUP.		
46	03	03 TCC-JP	PIC XX.	
47	63	DO-ACTION-JP	PIC \$9(6) COMP-3.	
64	63	C3 TRANS-CODE	PIC X.	
49	03	03 LEN-CUR-ENL	PIC X	
00	60	ALCE - UP	PIC X.	
51	03	dr - x35	PIC X.	
52	THE NEXT	NEXT FIELD STARTS	IN POSITION 11.	
2	83	03 MID-UP	PIC x(10).	
5.5	60	INITS-JP	PIC x(3).	
98	03	03 FILLER	PIC x(3).	
99	03	DPES-SP-RK-CD	PIC x.	
57	03	PBO- PAY	PIC X.	
89	03	CLA	PIC X.	
56	. THE NEXT	NEXT FIELD STARTS	IN POSITION 30.	
09	03	03 TPANS-FLAG	PIC X.	
19	03	PRES-CRO-JP	PIC x(3).	

787																								
UPDATE SAS HISTORY	:																							
AUTOFLOW CHART SET - SRS		COMP-3,		41.						COMP-3.			.09			COMP-3.	COMP-3.	.08		COMP-3.				
AUTOFLO	CONTENTS	PIC 59(5)	x(3).	IN POSITION	×.	×.	х.		x(3).	39(6)	PIC X(4).	PIC X(4).	IN POSITION	PIC X(6).	PIC X(6).	(9)6S 21d	(9)6S 3Id	IN POSITION 80.	PIC X(4).	9)65 DIG	χ.	X(4).	X(5).	x(3).
	Š	PIC	PIC	a z	PIC X.	PIC	PIC	PIC	PIC	PIC	PIC	PIC	a N	214	PIC	910	PIC	a vi	PIC	PIC	PIC	PIC	PIC	PIC
		INT-TRANS-DI	GEO-10C	FIELD STARTS	PREV-SP-RK-CD	OLD-PRO-PAY	010-CLA	OLD-TRANS-FLAG	PREV-GRO-UP	LAST-DATE-DICH	PREV-MOS	dr-Sowd	FIELD STARTS	010-645	EAS-ACTUAL-JP	GEO-DCT8-JP	PEBD-UP	FIELD STARTS	COMP-SCORE-JP	DAT-CTB-JP	FILLER	BWOS-JP	PRES-RUC-UP	PRES-WCC-UP
		03	60	NEXT	60	03	63	63	60	03	60	63	NEXT	60	03	60	03	NEXT	03	03	60	60	60	03
INPUT LISTING	:			. THE									3H1 .					. THE						
07/18/78	CARD NO	62	63	99	65	99	19	6-9	63	70	1.1	72	73	74	75	16	11	78	19	000	91	82	60	49

)						
81/18/18	INPUT LISTING			AUT	AUTOFLOW CHART SET - SRS LPDATE	UPDATE SPS HISTORY
CARD NO	:			CONTENTS	17.5	:
108		03	MON- OU	PIC X(3).	3).	
601		03	FILLER	PIC X.		
110		63	DUTY-ST	PIC X.		
111		03	CAS-ST	PIC X.		
112		03	UD-REC-ST-JP	PIC X.		
113	• 1HE	NEXT	FIELD STARTS	IN POSITION	TIGN 150.	
114		03	NAME-UP	PIC X(20).	20).	
115		03	FILLER	PIC X(10).	10).	
116	* THE	NEXT	NEXT FIELD STARTS	IN POSITION	110N 180.	
117		03	DO-ENL	PIC 59(6)	(6) COMP-3.	
118		03	FILLER	PIC X	X(4).	
119		03	CIT-CNTR	PIC XX.		
120		03	FILLER	PIC X	X(4).	
121		03	ETHNIC-JP	PIC X.		
122		03	FILLER	PIC X(5).	5).	
123	* THE	NEXT	FIELD STARTS	IN POSITION	TION 200.	
124		03	P-CH-5TA	PIC XX.		
125		03	FILLER	PIC X	X(13).	
126		03	MAR-STAT	PIC X.		
127		03	FILLER	PIC XX.		
128		03	TTC-JP	PIC X(3).	3).	
129	* THE	NEXT	FIELD STARTS	IN POSITION	TION 221.	
130		03	GT-GCT-5	PIC XX.		

UPDATE SAS HISTORY									00000510	00000520	00000230	00000540	00000550	0000000	00000570	00000530	00000290	00000000	00000010	00000620	00000830	00000640	00000000	00000000
AUTOFLOW CHART SET - SRS	CONTENTS	PIC x.	PIC x(7).	IN POSITION 231.	PIC xx.	PIC x.	PIC S9(6) COMP-3.	PIC x(3).				OMITTED	·		X(133).		OMITTED	·		X(133).				
INPUT LISTING		03 D-TEST-F	03 FILLER	THE NEXT FIELD STARTS I	03 TFA-STAT	03 TOUR-SEQ	03 CYC-DATE	O3 CYC-NUM	EJECT		FD EOJ-DISPLAY	LABEL RECORDS ARE	RECORDING MODE 15	OT EOJ-DISPLAY-REC.	O3 FILLER PIC	FD ERR-OUT-RAMS	LABEL RECORDS ARE	RECORDING MODE IS	O1 ERR-OUT-RAMS-REC.	O3 FILLER PIC	EJECT		FD TRS-ERR	BLOCK CONTAINS 0
07/18/78	CARD NO	131	132	133	134	135	136	137		138	139	140	141	142	143	144	145	146	147	148		149	150	151

AUTOFICM CHART SET - SRS UPDATE SRS HISTORY		0000000	0000000	06900000	00000000	0140000	00000120	00000730	00000740	00000750	00000760	00000770	00000780	00000790	0000000	0.800000	00000850	0000000	00000840	00000320	00000000	00000010	000000880	00000
TOFICH CHA	NTS.).				COMP-3.	COMP-3.	COMP-3.	COMP-3.	COMP-3.	CCMP-3.	COMP-3.	COMP-3.	COMP-3.	COMP-3	COMP-3	COMP-3.	COMP-3.	COMP-3.	COMP-3.	COMP-3
7	CONTENTS		DARD.		PIC X(240).				9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)65
		240	STANDARD.		PIC			ž	PIC	PIC	PIC	PIC	PIC	PIC	910	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC
9		RECORD CONTAINS 240	LABEL RECORDS	TRS-ERR-REC.	02 FILLER	EJECT		WORKING-STORAGE SECTION.	IN-HIST-CTR	OUT-HIST-CTR	IN-RAMS-CTR	RAMS - MATCH - CTR	IN-STAT-CTR	ERR-STAT-CTR	DUP-CIR	DROP - MED - CTR	DROP - ENL - CTR	DROP-EXT-CTR	DROP-GRD-CTR	DROP-UAS-CTR	DROP-UAL-CTR	DROP - DES - CTR	DROP-TRN-CTR	DROP-TUR-CTR
LISTIN				6				*O*	11	11	11	77	11	11	11	11	11	11	11	11	11	11	11	11
INPUT LISTING	1																							
81/18/10	CARD NO	152	153	154	155		150	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173

AUTOFLOW CHART SET - SRS UPDATE SRS HISTORY	••••	00600000	01600000	00000920	0000000	00000940	0000000	09600000	00000570	09600000	06600000	000010000	00001010	00001020	00001030	OCCURS 15. 00001040	0000:000	00001000	00001010	00001000	05010000	00001100	000001110	00001120
AUTOFLOW CH	CONTENTS	59(6) COMP-3.	S9(6) COMP-3.	S9(6) COMP-3.	S9(6) COMP-3.	.69	. 69.	.69	\$9(6) COMP-3.	\$9(9) COMP-3.	S99 COMP-3.	S99 . COMP-3.	S99 CCMP-3.	.69.		999 COMP-3 OCCURS	X(10).	X(10).	X(10).	×.		×.	x.	XX.
		PIC	910	PIC	PIC	PIC	PIC	910	916	PIC	PIC	PIC	PIC	910		916	910	916	PIC	916		916	PIC	PIC
à		DROF-WOS-CTR	DROP - BCN - CTR	ARCHI VE-CTR	AVG-REC-LEN	ABEND-SWITCH	ERROR-INIT-STAT	ERROR-INIT-RAMS	REC-LEN	REC-LEN-TOTAL	LOOP - INDEX	LESSI	06010	NEW-SW	LENGTH-TABLE.	03 NCMINAL-LEN	OLD-HIST-KID	OLD-PAMS-MID	OLD-STAT-WID	EOF	ERR-CODE.	03 ERR-LET	03 FILLER	03 ERR-NUM
INPUT LISTING	i	77	77	77	77	11	11	11	11	11	11	11	11	77	10		10	6	10	10	6			
18/78	ARD NO	174	175	176	177	178	179	180	181	182	163	184	185	186	187	188	169	190	191	192	193	194	195	196

AUTOFICM CHART SET - SRS UPDATE SRS HISTORY	:	00001130	00001140	00001150	00001160	000001170	00001190	04115000	00001200	00001210	00001220	00001230	00001240	00001250	00001250	00001270	00001280	00001290	00001300	010000	00001320	00001330	00001340	00001350
AUTOFICE	CONTENTS		, ×,	c xx.		, x o	C x.		c xx.	PIC X.	c 89.		C X(4198).		PIC XX.	PIC X.	PIC XX.	PIC X.	PIC XX.		PIC 99.	PIC 99.	PIC 99.	
			PIC	PIC		PIC	PIC		910	14	PIC		PIC											
		DUP-ERR-CODE.	03 DUP-ERR-LET	03 DUP-ERR-NUM	MORK-TCC.	03 FIRST-LETTER	03 FILLER	WORK-1TC.	03 FIRST-TWO	03 FILLER	STAT - USED - FLAG	TEMP - SRS - REC.	03 FILLER	CUR-DAT-X.	05 MM	OS FILLER	00 50	OS FILLER	05 77	CUR-DAT-9.	YY 50	90 KW	00 50	WORK - DATE.
LISTIN		6			6			5			6	6		6						5				6
INPUT LISTING	1																							
/18/78	CARD NO	97	8	65	8	5	202	3	40	90	90	07	80	60	0		2	0	4	in.	912	111	00	219

S UPDATE SPS HISTORY		00001350	000001370	00001380	00001390	00001400	60001419	00001420	00001430	00001440	00001450	00001460	00001470	00001480	00001490	00001200	00001510	00001520	00001530	00001540	00001550	00001560	00001570	
AUTOFLOW CHART SET - SRS	CONTENTS	PIC 99.	PIC 99.	PIC 99.	: S9(6) COMP-3.	. 9(6).		. 66	. 66	. 66		PIC x.	PIC XX.	PIC 9.	PIC 999.		xx.	×.	,	× .	×		. ×	
g		W-YY 20	W-WW 50	W-00 50	ARCHI VE - CHECK - DATE PIC	DUMMY - DATE PIC	ARCHI VE - WORK - BATE .	05 YY-ACD PIC	OS MM-ACD PIC	CS DD-ACD PIC	WORK-DUTY-LIMIT.	03 DUTY-LIMIT-CODE	03 FILLER	DEPOT-VALISATE-FLAG	DURATION-MONTHS	WORK - GRADE.	03 WK-GRD PIC	03 FILLER PIC	OLD-GRADE.	05 FST-GRD-LETO PIC	OS FILLER PIC	NEW-GRADE.	05 FST-GRO-LETN PIC	
INPUT LISTING	:				0	10	5				0			10	10	0			0			0		
81/181/10	CARD NO	220	221	222	223	224	E.3	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	

The second secon		
INPUT LISTING		UPDATE SRS HISTORY
:	CONTENTS	į
O1 ENDIT PI	5 S99 COMP-3.	00001590
O1 COHORT-WORK.		000010000
D3 YYWN PI	C X(4).	00001610
03 FILLER PI	. xx.	00001620
EJECT		00001630
		0000:640
-INC SRSFD		00001650
000000		
000020* THE FOLLOWING SET OF ST	RUCTURES CONSTITUTE A PSEUDO FD FOR	
000030* THE HISTORY FILE (H:ST).	THIS FILE IS ACCESSED FOR INPUT BY A	
000040 CALL 'READER' INSTRUCTION	AND FOR OUTPUT BY A CALL 'WRITER'	
000050 INSTRUCTION. EACH WITH AP	PROPRIATE PARAMETERS.	
200000		
000070* WRITER COLLECTS AND ASS	EMBLES THE HISTORY RECORD AND PLACES	
000080* IT IN AN OUTFUT BUFFER. R	EADER LOCATES A HISTORY RECORD IN AN	
000090' INPUT BUFFER AND DISTRIBU	TES THE SEGMENTS TO THE APPROPRIATE	
000100* SEGMENT STRUCTURES BELOW.		
0001100		
000120 THE FIXED AREA IS ARE	A NUMBER 1.	
000130*		
000140* LENGTH IS 132 BYTES.		
000150*		
000160 01 SRS-HIST-REC.		
	O1 ENDIT O1 COHORT-WORK. O3 YYMM O3 YYMM PIC O3 YYMM O3 FILLER PIC EJECT EJECT COCOCOCO THE FOLLOWING SET OF STO COCOCOCO THE HISTORY FILE (H:ST). COCOCOCO THE FOLLOWING SET OF STO COCOCOCO THE FIXED FACH WITH APP COCOCOCO THE FIXED AREA IS ARE COCOLOCO THE FIXED AREA IS ARE	CONTENTS 101 ENDIT 103 YYMM 103 YYMM 104 FLLER 105 CAMP-3. 106 ON FILLER 107 CALL 'METER COLLECTS AND FOR OUTPUT BY A CALL 'WRITER' 1080 INSTRUCTION, EACH WITH APPROPRIATE PARAMETERS. 1090 INFUT BUFFER AND DISTRIBUTES THE SEGMENTS TO THE APPROPRIATE IN A HISTORY RECORD IN AN OUTPUT BUFFER. READER LOCATES A HISTORY READER LOCATES A HISTORY RECORD IN AN OUTPUT BUFFER. READER LOCATES A HISTORY READER LOCATES

87/18/78	78	INPUT LISTING	9.4			A	AUTOFLOW CHART SET - SRS		UPDATE SAS HISTORY
CARD NO	9	:				CONTENTS	NTS		÷
,	264	000110	8	02 FIXED.					
~	265	000160	03	AREA-COUNT	PIC	99 COMP	PIC 99 COMP-3 OCCURS 15 TIMES.	.5.	
~	99	000130	03	MID.					
~	191	000500		05 BRANCH	910	×.			
~	89	000210		05 SSN	PIC	x(9).			
~	269	000220	63	NAME	PIC	x(20).			
	170	000230	03	INITIALS	PIC	XXX.			
~	171	000240	03	RACE	PIC	×.			
~	172	000250	63	SEX	PIC	×.			
~	173	000250	03	ETHNIC-GROUP	PIC	×.			
~	174	000270	63	HOWE-STATE	PIC	XX.			
~	175	000280	03	HOWE-COUNTY	916	X(4).			
20	92	000290	03	DATE-OF-BIRTH	PIC	6(6)	COMP-3.		
	77	000300	03	AFADBO	PIC	(9)6	COMP-3.		
~	178	0000310	03	ACTUAL - EAS	P1C	x(6).			
~	62.	000320	03	9580	PIC	6(9)	COMP-3.		
7	280	000330	03	GRAD-SEP-DATE	PIC	x(6).			
~	281	000340	03	GR4D-5EP-FL4G	PIC	×.			
~	282	0000320	03	MCC-ENLISTED	PIC	XXX.			
~	263	092000	03	DUTY-LIMIT-ENTRY PIC X.	19 79	× ×			
~	284	000370	03	CITIZENSHIP	PIC	XX.			
~	285	000330	03	MARITAL-STATUS PIC	PIC	×			
~	286	000330	03	NUM-DEP-ENTRY PIC	PIC	×			

AUTOFLOW CHART SET - SRS UPDATE SRS HISTORY	CONTENTS	-CURR PIC X.	ENTRY.	YEARS-ED PIC XX.	DEGREE PIC X.	CURR	VEB-3-E9 PIC XX.	CEGREE PIC X.		L-FOR PIC XX.	FILLER INSERTED FOR SEC-EST, VISION. SPACE IS	INED HERE FOR FUTURE EXPANSION.	PIC XX.	MOS PIC X(4).	THE HMF-SRC-FLAG IS USED TO DENOTE THOSE RECORDS THAT WERE	CREATED FOR THE INITIAL FILE. FLAG=1 FOR ORIGINAL RECORDS.	FLAG=O FOR RECORDS ADDED AFTER CREATION. NOTE THAT ORIGINAL	RECORDS MAY NOT HAVE COMPLETE ENLISTMENT HISTORY.	-FLAG PIC X.	CT-FLAG PIC X.	THE ACT-INACT-FLAG WILL BE A 1 FOR ALL ACTIVE RECORDS.	A 2 WILL BE MOVED IN EACH TIME THE ENLISTMENT AREA	IS CLOSED GUT. IT WILL BE RE-SET TO 1 FOR EACH NEW	AREA CPENED UP.	
ING.		03 NUM-DEP-CURR	03 CIV-ED-ENTRY.	90	90	03 CIV-ED-CURR.	5 0	90	EJECT	03 PROG-ENL-FOR		BEING MAINTAINED	03 FILLER	03 BILLET-MOS					03 HMF-SRC-FLAG	03 ACT-INACT-FLAG				ENLISTMENT	
INPUT LISTING	i	000400	000410	000420	000430	000440	000450	000450	000410	000480	000490	0002000	015000	000520	000230-	000540	000250	000290	000270	000280	-065000	-009000	0000010	000620+	
81/181/18	CARD NO	287	288	289	290	291	262	293		294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	

AUTOFLOW CHART SET - SRS UPDATE SRS-HISTORY	CONTENTS	07 AFEES-C-SC PIC XXX.	07 AFEES-C-RC PIC XXX.	07 AFEES-C-RES2 PIC XXX.	AFEE-WATL-GP-SCORE PIC XX.	AFEE-TEST-FLAG PIC X.		DEPOT-SCORES.	DEPOT-FORM-NUMBER PIC XX.	DEPOT.	07 DEPOT-C-CO PIC XXX.	07 DEPOT-C-FA PIC XXX.	07 DEPOT-C-EL PIC XXX.	07 DEPOT-C-OF PIC XXX.	07 DEPOT-C-GM PIC XXX.	07 DEPOT-C-MM PIC XXX.	07 DEPOT-C-CL PIC XXX.	07 DEPOT-C-ST PIC XXX.	07 DEPOT-C-GT PIC XXX.	07 DEPOT-C-SC PIC XXX.	07 DEPOT-C-RC PIC XXX.	07 DEPOT-C-RES2 PIC XXX.	
9					90	90		03 069	60	60													
INPUT LISTING	:	000000	000870	0000830	000830	006000	-016000	000000	000030	000340	056000	096000	000000	000030	066000	001000	010100	001050	001030	001040	001050	001060	
8//8//0	CARD NO	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	

07/18/78	INPUT LISTING	AUTGFLOW CHART SET - SRS	UPDATE SRS HISTORY
CARD NO	:	CONTENTS	:
354	-0601000		
355	001100" ETST SCORE DELETED PER	HOMC STAFF RECOMMENDATION.	
356	001119 03 TYPING	PIC XXX.	
357	001120 03 EDPT	PIC XXX.	
358	001130* RC SCORE DELETED PER	HOMC STAFF RECOMMENDATION.	
359	001140 03 ALAT	PIC XX.	
	001150 EJECT		
360	001160		
361	001170 THE MILITARY-EDUCATION AREA IS	REA IS AREA NUMBER 3.	
362	001136		
363	001190' LENGTH IS 32 BYTES.		
364	001200		
365	001219 02 MILITARY-EDUCATION	OCCURS O TO 20 TIMES.	
366	001220 03 COURSE-CODE	PIC XXX.	
367	001230 03 TO-DATE	PIC x(6).	
368	001240 03 FRCM-DATE	PIC x(6).	
369	001250 03 FLAG	PIC x.	
370	001230 03 COURSE-GRADE	PIC XXX.	
371	001270 03 FILLER PI	PIC X(13).	
372	001280-		
373	001290* THE FILLER IS INCLUDED H	THE FILLER IS INCLUDED HERE TO MAINTAIN A TOTAL OF 32 BYTES.	
374	001300" SOME RE-DEFINITION OF FIELDS IS	ELDS IS STILL REQUIRED. (20 JAN 76).	.(9)
375	001310* THE ENLISTMENT AREA IS AREA NUMBER 4.	IEA NUMBER 4.	

1/10	87/16/78	INPUT LISTING					AUTOFL	3	TART :	. 13S	58	0	PDATE	AUTOFLOW CHART SET - SRS *** UPDATE SRS HISTORY	*
3	CARD NO	ì				00	CONTENTS							:	
	376	001320-													
	377	001330- LENGTH IS	1 15	S 24 BYTES.	Š										
	378	001340													
	379	001350 02		ENLISTMENT			OCCURS	-	10 20		TIMES.				
	380	001360	63	SOURCE-OF-ENTRY.	ENTRY.										
	381	661379		05 SOE : 1		PIC X.									
	382	001340		05 SOE-2	4	PIC X.									
	363	001330		05 \$08-3	a	PIC X.									
	334	0011400		05 SCE-4	a	PIC X.									
	385	001410	03	DO-ENLISTMENT PIC 9(6) COMP-3.	KENT P	6 210	00 (9)	MP-3.							
	386	001420	03	LNG-ENLISTMENT PIC X.	THENT P	N DIC									
_	387	001430	60	COMPONENT - CODE PIC XXX.	CODE P	X DIC	CX.								
31	388	001440	03	SEPARATION-CD		PIC X(5).	(5).								
3 -	389	001450	03	REENL-INDIC		PIC XX.	,								
	390	001460	03	SEPARATION-OT PIC 9(6) COMP-3.	4-DT	6 210	00 (9)	MP-3.							
	391	001470 03	215	SLACK-BYTE2	PIC	×									
	392	001480" EXTENSION IS AREA NUMBER S.	NOIS	IS AREA NUM	MBER 5.										
	393	001490-													
	394	001500* LENGTH IS 12 BYTES	1 15	5 12 BYTES											
	395	001510													
	396	001520 02		EXTENSION	OCCURS	98	9	11 6	TIMES.						
	397	001530	03	03 TOT-MON-EXT	KT		PIC	xx.							
	398	001540	03	TOT - NUMB - EXT	EXT		PIC								

Z .	ING AUTOFLOW CHART SET - SRS UPDATE SES HISTORY	CONTENTS	03 DT-LATEST-EXT PIC 9(6) COMP-3.	G3 MON-LATEST-EXT PIC XX.	C3 ENL-X-REF-FLAG PIC 99.	03 SLACK-SYTE3 PIC X.	001590* THE ENLISTMENT CROSS REFERENCE FIELD. ABOVE, IS THE SUBSCRIPT	001603 OF THE MATCHING ENLISTMENT, IT COMES FROM THE FOURTH	DO1610 - ENTRY OF THE AREA-COUNT TABLE.		EJECT		001650" GRADES IS AREA NUWBER 6.		LENGTH IS 8 BYTES.		02 GRADES OCCURS 1 TO 20 TIMES.	03 GRADE PIC XXX.	C3 DATE-05-RANK PIC 9(6) COMP-3.	03 SLACK-BYTE4 PIC X.	001730 - UA-SHORT IS AREA NUMBER 7.		LENGTH IS 6 BYTES.		
Z O	LISTING			63	63	03	90- THE ENLISTMEN	03. OF THE MATCH	10. ENTRY OF TH	20.		40.	50. GRADES IS ARE	-09		30.	02	03	63	03	30- UA-SHORT IS A	40.	001750" LENGTH IS 6	90.	
											00163													419 00178	

-			
81/181/10	INPUT LISTING	AUTOFLOW CHART SET - SRS U	UPDATE SAS HISTORY
CARD NO	:	CONTENTS	::
421	001730 03 DATE-OF-UA	PIC 9(6) COMP-3.	
422	001790 03 UA-SH-FLAG	PIC x.	
423	001800 03 SLACK-BYTES PIC	×	
424	001810" UA-LONG IS AREA NUMBER 8.		
425	001820-		
426	601830'-LENGTH 15 10 BYTES.		
427	001810.		
428	001850 02 UA-LONG OCCUR	OCCURS O TO 30 TIMES.	
429	03 TO-UA-DATE	PIC 9(6) COMP-3.	
430	001870 03 FRCM-UA-DATE	PIC 9(6) COMP-3.	
431	001880 03 UA-FLAG	PIC X.	
432	001850 03 SLACK-BYTE6 PIC	х.	
433	001900 DESERTION IS AREA NUMBER 9.		
434	001910" LENGTH IS & BYTES.		
435	001920 02 DESERTION OCCUR	OCCURS O TO 20 TIMES.	
436	001930 03 TO-DES-DATE	PIC 9(6) COMP-3.	
437	001940 03 FROM-DES-DATE	PIC 9(6) COMP-3.	
438	001950		
439	001960" TRANSFERS IS AREA NUMBER	10.	
440	001970* UPDATED FROM UD-STATS.		
441	001980*		
442	001990* LENGTH IS 16 BYTES.	•	
443	002000		

87/81/10	INPUT LISTING	1146			AUTO	FLOW C	AUTOFLOW CHART SET - SRS	UPDATE SES HISTORY
CARD NO	:				CONTENTS	s		•
444	002010	02 1	RAN	TRANSFERS OCCURS	1 10	09 0	TIMES.	
445	002020	0	03	FNCC	PIC	PIC XXX.		
4.16	002030	0	63	PNCC	PIC	PIC XXX.		
447	002040	O	63	RUC	PIC	PIC X(5).		
448	002030	0	03	BEGIN-DATE	PIC	(9)6	COMP-3.	
449	002080	.0	63	STREN-CAT	314	:×C		
	002070	EJECT	i-					
450	002030*							
451	002000	302090* TUPBULENCE IS	CE	IS AREA NUMBER	Ξ.			
452	002100	CPDATED	78	002100 - UPDATED FROM UP-STATS.				
453	002110+							
454	002120 - LENGTH		15	38 EYTES.				
455	002130							
456	002140	02 1	URBI	TURBULENCE OCCURS	0 10	20	TIMES.	
457	002150	0	03	PRES-MCC	PIC	PIC XXX.		
458	002160	0	03	FORM-MCC	PIC	PIC XXX.		
459	002170	0	03	INT-TRANS-DATE	PIC	6(9)	COMP-3.	
460	002180	03		рств	PIC	(9)6	COMP-3.	
461	002190	03		D-0-ACT	PIC	(9)6	COMP-3.	
462	002200	Ö	03	REASON-CODE	PIC	×		
463	002210	Ö	. 60	TOUR-CONT-FAC	PIC	××.		
464	002220	Ö	03	PCS-COST-CD	PIC	××.		
465	002230	Ö	03	TRAINEE-FLG	PIC	××.		

AUTOFICA CHART SET - SRS	03 REASON-FLAG PIC X.	03 LAST-DATE-DET PIC 9(6)	C3 GEO-LOC-CODE PIC XXX.	03 GEO-DCT8 PIC 9(6) COMP-3	SLACK-BYTEB PIC X.	AEA NUUSER 12.	S & BYTES.	MOS 0CCURS 1 TO 20 TIMES.	03 PRIMARY-MOS PIC X(4).	3 MOS-DATE PIC 9(6) COMP-3	AREA NUMBER 13.	S 6 BYTES.	BONUS OCCURS O TO 10 TIMES.	03 SFB-BON-TYPE PIC X.	C3 ZONE PIC X.	03 BONUS-DATE PIC 9(8) COMP-3		Service	SPARE14.	03 FILLER PIC X.	SPARE15.	
INPUT LISTI'16	9		002250 03	002270 03	002280 03 \$1	002250 - 105 IS AREA NUMBER 12	002300- LENGTH 15	002310 02 80	002320 03	002330 03	002340* BONUS IS AREA NUMBER 13.	002350" LENGTH 15 6	002350 02 80	002370 03	002330 03	002330 03	002400	002410" TMO SPARE AREAS	002420 02 5	002430 03	002440 02 5	

07/18/78	INPUT LISTING	o,		AUTOFICM CHART SET	· SRS	UPDATE SRS HISTORY
CARD NO	:			CONTENTS		i
468	•					00001670
489	10	TOP-LINES.	INES.			00001680
450		03 F	FILLER PIC X(51)	VALUE SPACES.		05910000
491		03 10	TCP-INFO PIC X(30) VALUE	VALUE SPACES.		00001100
492		03 F	FILLER PIC X(52) VALUE	VALUE SPACES.		00001710
49.3	. 6	LOW: LINES.	INES.			0060:720
454		03 F	FILLER PIC X(39) VALUE	VALUE SPACES.		00001730
495		03 1(LOW-INFO PIC X(41) VALUE	VALUE SPACES.		00001740
496		03 F	FILLER PIC X(4) VALUE	VALUE ' . '.		00001750
497		03 1(LOW-NUM PIC 222,222,229	22.229.		00001760
496		03 F	FILLER PIC X(38) VALUE	VALUE SPACES.		00001770
1 499						00001780
§ 318	0	DATE - LINE.	LINE.			00001750
105		03 F	FILLER PIC X(PIC X(11) VALUE SPACES.		000010000
502		03 CI	CUR-DAT PIC X(8).	8).		0000:610
503		03 F	FILLER PIC X(11)	11) VALUE SPACES.		00001820
504						00001930
505	01	DETAI	DETAIL-LINE.			00001840
906		03 F	FILLER PI	PIC X(18) VALUE SPACES.		00001850
507		03 D	D-L-NAME PIC	C X(20).		00001860
508		03 F	FILLER PIC	C X(5) VALUE SPACES.		00001870
609		03 D	D-L-MID PIC	C X(10).		0000 880
. 016		03 F	FILLER PIC	C X(5) VALUE SPACES.		00001890

)									
118/18	TNPUT LISTING	9				AUTOFLOW CH	AUTOFLOW CHART SET . SAG	LPDATE SAS HISTORY	
CARD NO	:				9	CONTENTS		:	
511		03	0-1-100	214	C xx.			00001800	
512		63	FILLER	910	(7)X)	VALUE	SPACES.	01610000	
513		03	0-1-110	PIC	C XXX.			0000:920	
514		03	FILLER	PIC	(x(1)) VALUE	SPACES.	00001930	
515		03	D-1-RECST4T	STAT PIC	. ×			00001940	
5:6		63	FILLER	916	C X(10;	VALUE	SPACES.	0961990	
517		63	D-1-04CT	T 91C	(9)6)	١.		096:0000	
918		03	FILLER	916		X(10) VALUE	SPACES.	00001970	
519		03	D-1-E34-CODE	.CODE 91C	C XXXX.	х.		00001980	
520		03	FILLER	Id	PIC X(2	X(29) VALUE	SPACES.	00001990	
521	٠							00002000	
522	0.0		HEADER-LINE					00002010	
523		03	FILLER	PIC X(21)	VALUE	E SPACES.		00002020	
524		03	FILLER	PIC x(4)	VALU	VALUE 'NAME'.		00005030	
525		03	FILLER	PIC X(22)	VALUE	E SPACES.		00002040	
526		69	FILLER	PIC X(3)	VALU	VALUE 'MID'.		00002050	
527		03	FILLER	PIC X(8)	VALUE	E SPACES.		00002060	
528		03	FILLER	PIC XXX	VALU	VALUE 'TCC'.		00002070	
529		03	FILLER	PIC x(6)	VALUE	E SPACES.		00003080	
930		03	FILLER	PIC X(6)	VALU	VALUE 'TTC '		00005000	
100		03	FILLES	PIC X(12)	VALU	VALUE 'REC STATUS	TUS '.	00002100	
532		03	FILLER	PIC X(14)	VALU	VALUE 'DATE OF ACTION'	ACTION".	00002110	
533		03	FILLER	PIC X(12)		VALUE ' ERROR CODE'.	CODE'.	00002120	

87/18/78	7.18	INPUT LISTING	9				AUT	AUTOFLOW CHART SET - SRS	SET - 5R5	LPDATE SRS HISTORY	
CAR	CARD NO	i					CONTENTS	17.5		į	
	534		93	03 FILLER	PIC X(X(22) VI	VALUE	SPACES.		00002130	
			EJECT	1.3				*		00002140	
	535	٠								00002150	
	536	5	HEA	HEADER-LINE-RAMS.	- RAMS.					00002160	
	537		03	FILLER	PIC X(20)		VALUE	SPACES.		00002170	
	538		63	FILLEG	PIC X(04)		VALUE	. NTNE .		00002180	
	539		03	FILLER	PIC X(22)		VALUE	SPACES.		00002190	
	540		03	FILLER	PIC X(03)		VALUE	MID'.		00002200	
	541		03	FILLER	PIC X(08)		VALUE	SPACES.		00002210	
	542		03	FILLER	PIC X(12)		VALUE	PRESENT N	MCC'.	00002220	
	543		03	FILLER	PIC X(03)		VALUE	SPACES.		00002230	
	544		03	FILLER	PIC X(15)		VALUE	SOURCE OF ENTRY	ENTRY'.	00002240	
220	545		03	FILLER	PIC X(04)		VALUE	SPACES.		00002250	
	546		03	FILLER	PIC X(13)		VALUE	'CAD BASE DATE'.	ATE'.	00002200	
	547		03	FILLER	PIC X(14)		VALUE	' ERROR CODE'.	CODE'.	00002270	
	548		03	FILLER	PIC X(15)		VALUE	SPACES.		00002280	
	549	٠								00002290	
	550	10	DET	DETAIL-LINE-RAMS.	- RAMS.					00002300	
	551		03	FILLER		a	PIC X	X(17) VALUE	SPACES.	00002310	
	552		03	RD-L-NAME	ME	a	PIC X	x(20).		00002320	
	553		03	FILLER		•	PIC X	X(05) VALUE	SPACES.	00002330	
	554		03	RD-L-MID	a	•	PIC X	X(10).		00002340	
	555		03	FILLER		٩	PIC X	X(10) VALUE	SPACES.	00002350	

2000	מינים	į	00003360	00002370	00002380	00002390	00002400	00002410	00002420	00002430	06002440	00002450	00002460	00002470	00002493	00002490	00072000	00002510	00002520	00002530	00002540	00002550	00002560	00002570	00000580
A TO	ACIOTICA CHARI VEL - UNO	CONTENTS	PIC X(03).	PIC X(13) VALUE SPACES.	PIC X(04).	PIC X(12; VALUE SPACES.	PIC 9(06).	PIC X(11) VALUE SPACES.	PIC X(04).	PIC X(18) VALUE SPACES.							THRU OPEN-ROUTINE-END.				ZERO TO NEW-SW	SRS-REC TO SRS-HIST-REC	SRS-READ THRU SRS-READ-END.		
	INPUT LISTING	:	03 RD-L-WCC	O3 FILLEP	03 RD-L-50E	03 FILLER	C3 RD-L-CADBD	03 FILLER	03 RD-L-ERR-CODE	03 FILLER		EJECT	•	PROCEDURE DIVISION.	•	START-UP.	PERFORM OPEN-ROUTINE		HISTORY-READ.	IF NEW-SW = 1	THEN MOVE ZERO	MOVE TEMP-SRS-REC	ELSE PERFORM SRS		300 37 1110
		CARD NO	556	557	558	559	260	£04	562	563	564		565	556	567	295	699	570	571	572	573	574	575	576	527

UPDATE SAS HISTORY	:	00002590	00000000	00002510	00002820	00002630	45. 60002540	00002650	00002650	00002570	00005980	00002690	ND. 00002702	00002710	00002720	00002730	00002740	00002750	00002760	00002770	00002780	00002790	. 00002800	00002810
AUTOFLOW CHART SET - SRS	CONTENTS	MID OF TRS-IN-REC < MID OF SRS-HIST-REC	THEN GO TO A-ZERO-CHECK.	MID OF TRS-IN-REC > MID OF SRS-HIST-REC	THEN GO TO RAMS-VS-SRS.	MID NOW = HIST MID	MID OF TRS-IN-REC # HIGH-VALUES GO TO FEMS-VS-SAG.	PERFORM STAT-REC-ANALYSIS THRU STAT-REC-ANALYSIS-END.	STAT-USED-FLAG = 1	THEN PERFORM MOS-UPDATE THRU MOS-UPDATE-END	PERFORM STAT-UPDATE	ELSE IF ERR-CODE NOT := SPACES	PERFORM STAT-ERR-MESS THRU STAT-ERR-MESS-END.	TO READ-ANOTHER-STAT.		CHECK.	IF (TCC OF TRS-IN-REC = 'AO') OR	(TCC OF TRS-IN-REC * 'AN' AND TTC * '001') OR	(TCC CF TRS-IN-REC = 'AN' AND TTC = '000', OR	(TCC OF TRS-IN-REC = 'A6')	THEN PERFORM NEW-REC THRU NEW-REC-END	ELSE MOVE 'Z-01' TO ERR-CODE	PERFORM STAT-ERR-MESS THRU STAT-ERR-MESS-END.	
INPUT LISTING	:	11		JF.		. STAT	14.	PERF	11					8		A-2ERO-CHECK	16							٠
07/13/78	CARD NO	578	579	580	581	582	583	584	. m	586	587	588	586	290	165	592	593	594	595	969	597	298	599	600

UPDATE SAS HISTORY	:	00002820	00002630	00002640	00002350	00002880	00002870	00002880	VD 00002890	00002900	00002910	00002920	00002930	00002940	00002950	00002980	00002370	00002930	00005990	00000000	000003010	00003050	00003030	00003040
LISTING AUTOFLOW CHART SET - SRS	CONTENTS	READ-ANOTHER-STAT.	PERFORM STAT-READ THRU STAT-READ-END.	GO TO STAT-VS-SRS.		RAMS-VS-SRS.	IF MID OF RANS-REC < MID OF SAS-MIST-REC	THEN MOVE 'Z-03' TO ERR-CODE	PERFORM RAMS-ERR-MESS THRU RAMS-ERR-MESS-END	PERFORM RAMS-READ THRU RAMS-READ-END	GO TO RAMS-VS-SRS.	IF MID OF RAWS-REC . MID OF SRS-HIST-REC	THEN PERFORM RAMS-UPD-CHK THRU RAMS-UPD-CHK-END	PERFORM RAMS-READ THRU RAMS-READ-END.	PERFORM SRS-OUT.	GO TO HISTORY-READ.	EUECT		OPEN-ROUTINE.	DISPLAY 'OPEN ROUTINE ENTERED'.	OPEN INPUT RAMS-IN, TRS-IN.	OPEN OUTPUT EOU-DISPLAY, ERR-OUT-ST, ERR-OUT-RAMS.	OPEN OUTPUT TRS-ERR.	
INPUT LI																								
07/18/78	CARD NO	601	602	603	604	605	909	607	608	609	610	611	612	613	614	615		616	617	618	619	620	621	622

07/18/78	INPUT LISTING	o			n e	AUTOFLOW CHART SET	· SRS	UPDATE SRS HISTORY	STORY
CARD NO	i				CONTENTS	NTS		:	
623		MOVE	ZERO	9	IN-HIST-CTR.	OUT-HIST-CTR.	IN-RAMS-CTR.	00003020	
624		MOVE	ZERO	10	IN-STAT-CTR.	ERR-STAT-CTR.	ABEND-SWITCH.	09080000	
625		MOVE	ZERG	9	ERROR-INIT-STAT.	IT. REC-LEN-TOTAL.	TAL.	000003070	
626		MOVE	ZERO	10	ERROR-INIT-RAMS.	5.		00000000	
627		MOVE	ZERO	10	NEW-SW.			06020000	
629		KOVE	ZERÓ	fo	RAMS-MATCH-CTR.			00160300	
629		MOVE	ZERC	10	DUP-CTR.			00003110	
630		MOVE	ZERO	10	DROP-MED-CTR.	DROP-ENL-CTR.	DROP-EXT-CTR.	00003120	
631		LIOVE	ZERC	10	DROP-GRD-CTR.	DROP-UAS-CTR.	DROP-UAL-CTR.	00003130	
632		MOVE	ZERO	10	CROP-DES-CTR.	DROP-TRN-CTR.	DROP-TUR-CTR.	00003140	
633		MOVE	ZERO	2	CROP-MOS-CIR.	DROP-BON-CTR.		00003150	
634		MOVE	ZERO	10	ARCHIVE - CTR.			00003160	
989 324	٠							00003170	
. 636		MOVE	LOW-VALUES	ALUE	S TO OLD-HIST-MID.	-MID.		00003180	
637		MOVE	LOW-VALUES	TUE	S TO OLD-RAMS-MID.	-MID.		00003190	
638		MOVE	LOW-VALUES	TINE	S TO OLD-STAT-MID.			00003200	
639		MOVE	CURRENT-DATE	T-D	ATE TO CUR-DAT.	IT. CUR-DAT-X.		00003210	
640		NOVE	CORR	CUR	CORR CUR-DAT-X TO CUR-DAT-9	P-DAT-9.		00003250	
641		MOVE	** 0	5	OF CUR-DAT-9 TO Y	YY-ACD.		00003230	
642		MOVE	MM OF		CUR-DAT-9 TO M	MM-ACD.		00003240	
643		MOVE	ZERC	9	DD-ACD.			00003250	
644		SUBTRACT	ACT 5		FROM YY-ACD.			00003260	
645		MOVE	ARCHI	/E-W	ARCHIVE-WORK-DATE TO D	DUMMY - DATE.		00003270	

92/18/10	Sarrage Tuber	2.7	-	,			AUTOFLOW CHART SET	S TAAH	FT - SRS	v	LPDATE	PODATE SPS HISTORY
81/191/10	ista induit	2								,		
CARD NO	:					CON	CONTENTS					:
646		MOVE		DUNKY-DATE	5	ARCHIV	ARCHIVE - CHECK - DATE.	TE.			0000	00003280
647	٠										0000	00003290
648		KOVE 132		01-	NCMINAL-LEN (01).	LEN (0	1).				0000	00003300
649		MOVE	96	0	NOWINAL-LEN (02)	LEN (0	2).				0000	00003310
. 059		MOVE	35	10	NOMINAL-LEN (03)	LEN (O	3).				000	00003320
651		NOVE	24	0	NOMINAL-LEN (04)	LEN (O	41.				000	00003330
652		MOVE	12	10	NOMINAL-LEN (05)	LEN (0	51.				0000	00003340
653		MOVE	æ	20	NOMINAL-LEN (06).	LEN (O	. (9				0000	00003350
654		MOVE	ø	0	NOMINAL-LEN (07)	LEN (0	7).				0000	00003360
655		MOVE	0	10	NOMINAL-LEN (08).	LEN (0	. 18				0000	00003370
656		MOVE	æ	0	NOMINAL-LEN (09);	LEN (0	:16				0000	00003380
657		MOVE	9	10	NOMINAL-LEN (10).	LEN (1	0).				0000	00003280
859		MOVE	36	0	NOMINAL-LEN (11)	LEN (1	11.				0000	00003400
629		MOVE	00	2	NOMINAL-LEN (12).	LEN (1	2).				0000	00003410
099		F.OVE	9	10	NOMINAL-LEN (13).	LEN (1	3).				0000	00003420
199		MOVE	0	0	NOMINAL-LEN (14).	LEN (1	4).				0000	00003430
662		MOVE	0	0	NOMINAL-LEN (15).	LEN (1	5).				0000	00003440
663	•	NOTE:	THE	CONS	CONSTANTS ABOVE WHICH	BOVE		TIALIZ	INITIALIZE THE	NOMINAL		00003450
664		LE	NGTH	ARE	LENGTH AREA MUST BE		CHANGED 1F	THE	LENGTH	OF	ANY 00003460	03460
665	•	11	INDIVIDUAL	UAL	AREA 1	1S CHA	CHANGED.				0000	00003470
999	•										0000	00003480
199	•		THESE		CONSTANTS		SHOULD AGREE WITH THOSE IN	WITH	THOSE	IN THE		00003490
899	•	0	OUTPUT		SECTION OF	THE	ASSEMBLER "READER-WRITER"	* REA	DER-WRI	TER"	0000	00003200

UPDATE SRS HISTORY	:	00003510	00003520	00003230	00003540	00003550	00003560	00003570	00003580	00003590	000035000	00003610	00003520	00003630	00003840	00003650	00003660	00003670	00003580	00003690	00003700	00003710	00003720	00003730
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	AND "READCH-WRITCH" ROUTINES			PERFORM STAT-READ THRU STAT-READ-END.	PERFORM RAMS-READ THRU RAMS-READ-END.		OPEN-ROUTINE-END. EXIT.	EJECT		STAT-READ.	READ TRS-IN. AT END GO TO STAT-END-CHECK.	IF MID OF TRS-IN-REC < '0000000000' GO TO STAT-READ.	MOVE SPACES TO ERR-CODE.	MOVE ZERC TO STAT-USED-FLAG.	MOVE TCC TO WORK-TCC.	IF OLD-STAT-MID > MID OF TRS-IN-REC	THEN KIOVE I TO ABEND-SWITCH	PERFORM END-OF-JOB.	MOVE MID OF TRS-IN-REC TO OLD-STAT-MID.	ADD 1 TO IN-STAT-CTR.	STAT-READ-END. EXIT.		STAT-END-CHECK.
07/13/78	CARD NO	699	670	671	672	673	674	675		676	577	678	679	680	681	682	683	684	685	686	687	688	683	069

18/78	INPUT LISTING	VEDATE SES H. STORY	
ARD NO	CONTENTS	;	
169	DISPLAY STAT-END ', MID OF TRS-IN-REC.	00003740	
692	IF (MID OF SRS-HIST-REC . HIGH-VALUES) AND	00003750	
693	(MID OF RAMS-REC = HIGH-VALUES)	00003760	
694	THEN PERFORM END-OF-JOB	000003770	
969	ELSE MOVE HIGH-VALUES TO .MID OF TRS-IN-REC	00003780	
909	GO TO STAT-READ-END.	00003790	
	EJECT	00000000	
697		00003910	
698	RAMS-READ.	00003620	
669	READ RANS-IN. AT END GO TO RAMS-END-CHECK.	00003830	
200	IF OLD-RAMS-MID = MID OF RAMS-REC	00003840	
101	THEN GO TO RAMS-READ	00003880	
702	3573	00003880	
703	IF OLD-RAMS-MID IS NOT < MID OF RAMS-REC	00003870	
704	THEN MOVE 2 TO ABEND-SWITCH	00003880	
705	PERFORM END-OF-JOB.	00003890	
706	MOVE MID OF RAMS-REC TO OLD-RAMS-MID.	000035000	
707	ADD 1 TO IN-RAMS-CTR.	00003910	
708		00003320	
601	RAMS-READ-END. EXIT.	06063930	
710		00003940	
711	RAMS-END-CHECK.	00003350	
712	DISPLAY ' RAMS-END ', MID OF RAMS-REC.	00003360	

07/18/78	INPUT LISTING AUTOFLOW CHART SET - SRS	UPDATE SES HISTORY
CARD NO	CONTENTS	ij
713	IF (MID OF SAS-HIST-REC . HIGH-VALUES) AND	00003970
714	(MID OF TRS-IN-REC = HIGH-VALUES)	00003880
715	THEN PERFORM END-OF-JOB	05660000
716	ELSE MOVE HIGH-VALUES TO MID OF RAMS-REC	000070000
717	GO TO RAMS-READ-END.	0000000
	EJECT .	00004020
718		00004030
719	SRS-READ.	00004040
720	MOVE SPACES TO SRS-HIST-REC.	0500000
721	CALL 'READER' USING FIXED. SCORES.	00004000
722	MILITARY-EDUCATION (1).	000000000
723	ENLISTMENT (1). EXTENSION (1). GRADES (1).	0301-0000
724	UA-SHGRT (1), UA-LONG (1), DESERTION (1).	00001000
725	TRANSFERS (1), TURBULENCE (1), MOS (1).	BONUS (11). C00031100
726	SPARE14. SPARE15. EOF.	00003110
727	IF EOF = '1' GO TO SRS-END-CHECK.	09004120
728	IF OLD-HIST-MIC = MID OF SRS-HIST-REC	001130
729	THEN AUD 1 TO DUP-CTR	000004140
730	GO TO SRS-READ.	00004150
731	IF OLD-HIST-MID IS NOT < MID OF SRS-HIST-REC	00004160
732	THEN MOVE 3 TO ABEND-SWITCH	00004170
733	PERFORM END-OF-JOB.	00004180
734	MOVE MID OF SRS-HIST-REC TO OLD-HIST-MID.	00004190

UPDATE SRS HISTORY	i	00000	00004210	00001220	00004230	00004240	00004250	00004260	00004270	00001280	00004290	00000000	00004310	00004320	00004330	00004340	00004350	00004360	00004370	00004380	00004390	00004400	00004410	BONUS (1), 00004420
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	ADD 1 TO IN-HIST-CTR.	IF ACT-INACT-FLAG = 1 GO TO SRS-READ-END.	IF LAST-CHG-DATE < ARCHIVE-CHECK-DATE	PERFORM DROP-TO-ARCHIVE THRU DROP-TO-ARCHIVE-END	GO TO SRS-READ.		SRS-READ-END. EXIT.		SRS-END-CHECK.	DISPLAY ' SRS-END ', MID OF SRS-HIST-REC.	IF (MID OF TRS-IN-REC = HIGH-VALUES) AND	(MID OF RAMS-REC = HIGH-VALUES)	THEN PERFORM END-OF-JOB	ELSE NOVE HIGH-VALUES TO MID OF SRS-HIST-REC	GO TO SRS-READ-END.			DROP-10-ARCHIVE.	CALL 'WRITRK' USING FIXED, SCORES,	MILITARY-EDUCATION (1),	ENLISTMENT (1). EXTENSION (1), GRADES (1).	UA-SHORT (1), UA-LONG (1), DESERTION (1).	TRANSFERS (1), TURBULENCE (1), MOS (1), BONUS
81/81/1	CARD NO	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757

HISTORY	,	0	9	0	9	0.	9	ō	0	0	0	0,	9	0	0	0	02	0.	90	0	0.0	0	9	0
UPDATE SES	•	00004430	00004440	00004430	00004460	00004270	00004400	00004480	00007200	00004510	00004520	00004530	00001340	00004550	00004560	00004570	00004580	00004530	00004600	00004610	00004620	00004630	00004640	00004650
LISTING AUTOFLOW CHART SET - SRS	CONTENTS	SPARE14, SPARE15.	ADD 1 TO ARCHIVE-CTR.	DROP-TO-ARCHIVE-END. EXIT.	EJECT		STAT- REC - ANALYSIS.	IF TCC = 'A7'	PERFORM DESERTION:-UPDATE THRU DESERTION-UPDATE-END	ELSE IF FIRST-LETTER * 'A'	PERFORM ENLISTMENT-UPDATE THRU ENLISTMENT-UPDATE-END	ELSE IF TCC = 'R4'	PERFORM DESERTION: UPDATE THRU DESERTION-UPDATE-END	ELSE IF FIRST-LETTER = 'R'	PERFORM ENLISTMENT - UPDATE THRU ENLISTMENT - UPDATE - END	ELSE IF FIRST-LETTER * 'D'	PERFORM GRADE-UPDATE THRU GRADE-UPDATE-END	ELSE IF TCC = 'UA'	PERFORM UA-SHORT-UPDATE THRU UA-SHORT-UPDATE-END	ELSE IF FIRST-LETTER = 'U'	PERFORM UA-LONG-UPDATE THRU UA-LONG-UPDATE-END	ELSE IF FIRST-LETTER = 'E'	PERFORM EXTENSION: UPDATE THRU EXTENSION - UPDATE - END	ELSE IF TCC = 'JD'
INPUT																								
81/81.70	CARD NO	758	759	760		191	762	763	764	765	766	767	768	169	770	177	772	773	774	775	776	777	778	179
0													_	330) -									

585 HISTORY 4660 4670 4670 4770 4770 4750 4750 4750 4750 4750 47	0000 0000 0000 0000 0000 0000 0000 0000 0000	TENCE-UPDATE TENCE-UPDATE OF SRS-HI OF SRS-HI	CONTENTS TRANSFERS-UPDATE THRU TRANSFE C = 'JP' TURBULENCE-UPDATE THRU TURBUL 'Z-02' TO ERR-CODE. ST-PEC TO TEMP-SRS-REC. 10 SRS-HIST-REC. O-AREA-COUNT VARYING LOOP-INDEX GF TRS-IN-REC TO MID OF TRS-IN-REC TO INITIALS OF TRS-IN-REC TO SEX OF TRS-IN-REC TO GETHNIC-GROUF TY OF TRS-IN-REC TO HOME-STATE TY OF TRS-IN-REC TO HOME-STATE	ELSE STAT-REC- MOVE MOVE MOVE MOVE MOVE MOVE MOVE MOVE	CARD NO TEST TEST TEST TEST TEST TEST TEST TES
	SRS-H1ST-REC.00004870 SRS-H1ST-REC.00004880	OF SRS-HI	AFAD-BD OF TRS-IN-REC TO AFADBD CES-ACTUAL OF TRS-IN-REC TO ACTUAL-EAS C	MOVE AF	800
	ST-REC.00004860	F SRS-HI	BIRTH OF TRS-IN-REC TO DATE-OF-BIRTH C		799
	ST-REC.00004850	F SRS-HI		MOVE HO	798
	ST-REC.00004840	F SRS-HI			797
	ST-REC.00004830				796
	ST-REC.00004820		OF TRS-IN-REC TO SEX		795
	ST-REC. 00004810		OF TRS-IN-REC TO RACE		794
	ST-REC. 00004200		OF TRS-IN-REC TO INITIALS		793
	ST-REC.00004790		OF TRS-IN-REC TO NAME		792
	ST-REC.00004700	F SRS-HI	OF TRS-IN-REC TO MID		791
	00004770	15.	1 BY 1 UNTIL LOOP-INDEX		790
	00004760			PERFORM	789
	00004750		10		788
	00004740		10		787
	00000130			NEW-REC.	786
	00004720				785
	00002710		_	EUEC	
	00004700			STAT-REC-AN	784
	00004690		72-02, 10	RISE N	783
		CE-UPDAT	TURBULENCE - UPDATE THRU	PER	782
	00000000		100		781
		-UPDATE-	TRENSFERS-UPDATE THRU	6.30	780
	•		CONTENTS		CARD NO
ISTORY			AUTOFLOW CHART SET	INPUT LISTING	81/181/1

STORY																								
UPDATE SRS HISTORY	•	.0000-690	.00024900	00004910	00007850	02670000	00004840	00001850	09610000	00004970	00004990	.00004930	.00050000.	00005010	00005020	00002000	00000000	00000000	09050000	00000000	00002000	06090000	00002100	00005110
. SRS		OF SRS-HIST-REC.00004690	P OF SRS-HIST-REC. 00004900				SRS-HIST-REC.	SRS-HIST-REC	Y OF SRS-HIST-REC.	OF SAS-HIST-REC.	ENL-FOR	OF SRS-HIST-REC. 00004930	MOS OF SRS-HIST-REC.00005000					SOURCE-OF-ENTRY (1).	DO-ENLISTMENT (1).	LNG-ENLISTMENT (1).	COMPONENT-CODE (1).		GRADE (1).	DATE-OF-RANK (1).
CHA		PE80	ENSHI		REC.		10 P	90	ENTE	CURR	- 508 c		LET-					5	10	5	0		0	5
AUTOFLOW CHART SET	CONTENTS	OF TRS-IN-REC TO PE	EC TO CITIZENSHIP	MARITAL-STAT OF TRS-IN-REC	MARITAL-STATUS OF SRS-HIST-REC.	REC > 9	NUM-DEP-ENTRY	NUM-DEP-CURR	TO NUM-DEP-ENTRY	NUM-DEP-CURR	MOVE PROG-ENL-FOR OF TRS-IN-REC TO PROG-ENL-FOR		OF TRS-IN-REC TO BILLET-MOS	FLAG.	ACT-INACT-FLAG.	RAMS-NEED-FLAG.	LAST-CHG-DATE.	TRS-IN-REC	TRS-IN-REC	TRS-IN-REC	TRS-IN-REC	SEPARATION-DT (1).	TRS-IN-REC	TRS-IN-REC
		TRS-	IN-R	96	o sr	TRS-IN-REC	0	•	NO-DEP		SF TRE		TRS-1	HIVE - SRC - FLAG.	-INAC	S-NEE		90	90	90	OF	PARAT	OF	90
		5	F TRS	-STAT	-STATE		G				- FOR (90				TE 10	S-ENT	ACC	4	DE		0	α
		PESD	CIT-ST OF TRS-IN-REC TO			NO-DEP OF	THEN MOVE		ELSE KOVE		PROG-ENL		DMOS	0, 10	11, 10	,2, 10	KC-C-DATE TO	CUR-SORS-ENT	DO-ENL-ACC	LEN-C-ENL	COMP - CODE	ZERO TO	PRES-GRD	PRES - DOR
LISTING		MOVE	MOVE	MOVE	10	1.					MOVE		MOVE	MOVE	MOVE	NOVE	NOVE	MOVE	NOVE	MOVE	MOVE	MOVE	MOVE	MOVE
INPUT LI	:																							
81/18/18	CARD NO	802	803	804	805	908	807	808	608	810	811	812	813	814	815	816	817	818	819	920	821	822	823	824

87/8//20	TABLE SET - SES	S LEDATE SAS HISTORY
01/21/10		
CARD NO	CONTENTS	::
825	MOVE FORW-NCC OF TRS-IN-REC TO FMCC (1).	00005120
926	MOVE PRES-MCC OF TRS-IN-REC TO PMCC (1).	00005130
827	MOVE PRES-RUC OF TRS-IN-REC TO FUC (1).	00005140
828	MOVE DAT-CTB OF TRS-IN-REC TO BEGIN-DATE (1).	00005150
829	MOVE PHOS OF TRS-IN-REC TO .PRIMARY-MOS (1).	00005160
936	MOVE DO-ACTION OF TRS-IN-REC TO MOS-DATE (1).	0. 000005170
831	MOVE 1 TO AREA-COUNT (1).	081 50000
832	MOVE 1 TO AREA-COUNT (2).	00002190
833	MOVE 1 TO AREA-COURT (4).	00005200
834	MOVE 1 TO AREA-COUNT (6).	00005210
835	MOVE 1 TO AREA-COURT (10).	00005220
836	MOVE 1 TO AREA-COUNT (12).	00005200
637		00003240
638	MOVE 1 TO NEW-SW.	00005250
935		00005260
840	NEW-REC-END. EXIT.	00005270
841		00005280
842	ZERO-AREA-COUNT.	00002290
843	MOVE ZERO TO AREA-COUNT (LOOP-INDEX).	000003300
844		00005310
	EJECT	00005320
845		00005330
846	DESERTION - UPDATE.	00005340

07/13/78	INPUT LISTING	AUTOFLOW CHART SET - SRS	UPDATE SES HISTORY
CARD NO	3	CONTENTS	
847	IF TCC = 'A7' GO TO F	RETURN-UPDATE.	00005350
848	* AT THIS POINT THE STAT IS	AN R4 'TO DESERTION'	RECORD DOGO5360
849	IF AREA-COUNT (9) > 19		00005370
850	THEN PERFORM FORGET-DES	ES VARYING LOOP-INDEX	000002380
851	FROM 2	BY 1 UNTIL LOOP-INDEX	> 20 00005390
652	ADD 1 TO DROP-DES-CTR		00:50000
653	MOVE 19 TO ARE	AREA-COUNT (9).	00005410
854	•		00003420
855	CORRECT-UA-LONG.		00005430
856	IF AREA-COUNT (8) = ZERG	ZERO GO TO END-CORRECT.	00005440
857	MOVE AREA-COUNT (8) TO LOOP-INDEX.	OOP-INDEX.	00005450
858	IF UA-FLAG (LCOP-INDEX) =	11,	00005460
889	THEN SUBTRACT 1 FROM	AREA-COUNT (8).	00005470
660	ELD-CORRECT.		00005480
198	IF AREA-COUNT (9) IS NOT	= ZERO THEN	00005490
862	MOVE AREA-COUNT (9) TO 1	LOOP-INCEX	00002200
863	IF FROM-DES-DATE (LOOP-INDEX) =	EX) = ZEROS	00005510
864	THEN IF TC-DES-DATE (LOOP-INDEX)	LOOP-INDEX) = DO-ACTION	00005520
865	OF TRS-IN-REC	N-REC	00002530
998	JACM NOVE	MOVE '2-05' TO ERR-CODE	00005540
867	01 09	DESERTION-UPDATE-END	00002550
868	ELSE MOVE	'R-01' TO ERR-CODE	00005560
698	07 09	DESERTION-UPDATE-END	00005570

8.7,81,70	N.	LOW CHART SET - SRS	UPDATE SES MISTORY
CARD NO		CONTENTS	::
87	D ELSE NEXT	MEXT SENTELCE	00005580
87	1 ELSE NEXT	SENTENCE.	00005530
87	2 ADD 1 TC	D AREA-COUNT (9).	00005600
87	#OVE	AREA-CCUNT (9) TO LOOP-INDEX.	00005610
87	MOVE	DO-ACTICN OF TRS-IN-REC TO TO-DES-DATE (LOOP-INDEX).	00005620
875	KOVE	ZEROS TO FROM-DES-DATE (LOOP-INDEX).	00005630
67	G MOVE 1 TO	TO STAT-USED-FLAG.	00005640
87		GO TO DESERTION-UPDATE-END.	00005550
87	B RETURN-UPDATE.		00005660
87	MOVE	AREA-COUNT (9) TO LOOP-INDEX.	00005670
	D IF LOOP-INDEX	INDEX = ZERO	00005680
88		THEN MOVE 'A-01' TO ERR-CODE	00003690
88		GO TO DESERTION-UPDATE-END.	00005700
88	1F	TO-DES-DATE (LOOP-INDEX) IS NOT < DO-ACTION	00005710
884	96	TRS-IN-REC	00005720
885		THEN MOVE 'A-02' TO ERR-CCDE	00005730
988		GO TO DESERTION-UPDATE-END.	00005740
88	IF	FROM-DES-DATE (LO3P-INDEX) = ZERO	00005750
888	THEN	IF DO-ACTION	00005760
889	o,	OF TRS-IN-REC	00005770
068	0	= TO-DES-DATE (LOOP-INDEX)	00005780
168		THEN MOVE ZEROS TO TO-DES-DATE	00005790
892	2	(LOOP-INDEX)	00000000

UPDATE SRS HISTORY	:.	00005810	00005820	00002830	00005840	00005850	63450000	00005870	00003880	06850000	00055000	00005910	00005520	00005930	00005940	00000000	09650000	00005970	08650000	06650000	00000000	00006010	00006020	00000000
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	SUBTRACT 1 FROM AREA-COUNT (9)	ELSE MOVE DO-ACTION	OF TRS-IN-REC	TO FROM-DES-DATE	. (LOOP-INDEX)	ELSE IF DO-ACTION	OF TRS-IN-REC	= FROM-DES-DATE (LOOP-INDEX)	THEN MOVE 'Z-05' TO ERR-CODE	GO TO DESERTION-UPDATE-END	ELSE MOVE 'A-07' TO ERR-CODE	GO TO DESERTION-UPDATE-END.	MOVE 1 TO STAT-USED-FLAG.	DESERTION-UPDATE-END. EXIT.		FORGET-DES.	COMPUTE LESS1 = LOSP-INDEX - 1.	MOVE DESERTION (LOOP-INDEX) TO DESERTION (LESSI).	EJECT		ENLISTMENT-UPDATE.	IF FIRST-LETTER = 'R' GO TO R-TYPE.	IF AREA-COUNT (4) > 19
81/18/10	CARD NO	893	894	895	968	897	369	668	900	106	905	903	904	506	906	206	806	606	910		116	912	913	914

AUTOFLOW CHART SET - SRS UPDATE SES HISTORY		FORGET-ENL VARVING LOOP-INDEX 00006040	BY 1 UNTIL LOOP-INDEX > 20 00006050	RRECTION - 00006050	RRECTION-END 00006070	08090000	AREA: COUNT (4),	00190000	EN 00005110	00006120	ND. 00006130	P.E. 00006140	GO TO A5-TYPE 00006150	GO TO A8-TYPE 00005150	ERR-CODE 00006170	DATE-END. 00008180	000001300	900963090	00005210	INDEX. 00006220	REC TO 00006230	NDEX). 00006240	REC TO 00006250	EX,. 00006260
INPUT LISTING AUT	CONTENTS	THEN PERFORM FORGET-ENL	FROM 2 BY	PERFORE XREF-FLAG-CORRECTION	THEU XREF-FLAG-CORRECTION-END	ADD 1 TG DROP-ENL-CTR	NOVE 19 TO AREA: CO		IF AREA-COUNT (4) = ZERO THEN	MOVE 'A-03' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.	IF TCC = 'A4' GO TO A4-TYPE	ELSE ; F TCC = 'A5' GO	ELSE IF TCC = 'AB' GO	ELSE MOVE 'A-04' TO ERR	GO TO ENLISTMENT-UPDATE-END.	•	A4-TYPE.	ADD 1 TO AREA-COUNT (4).	MOVE AREA-CCUNT (4) TO LOOP-INDEX.	MOVE CUR-SORS-ENT OF TRS-IN-REC	SOURCE OF - ENTRY (LOOP - INDEX).	MOVE DO-ACTION OF TRS-IN-REC	DO-ENLISTMENT (LOOP-INDEX)
87/81/10	CARD NO	915	916	216	818	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937

UPDATE SAS HISTORY	i	00006270	00005280	00008290	00000000	00006310	00000000	00006330	00000340	00000350	00005350	00006370	00006380	00006350	00190000	00000410	00006420	00005430	00006440	00006750	00006460	00006470	00006480	00008490
AUTOFLOW CHART SET - SRS	CONTENTS	MOVE LEN-0-ENL OF TRS-IN-REC TO	LAG-ENLISTMENT (LOOP-INDEX).	MOVE COMP. CODE OF TRS-IN-REC TO	COMPONENT-CODE (LOOP-INDEX).	MOVE '1' TO ACT-INACT-FLAG.	MOVE 1 TO STAT-USED-FLAG.	MOVE ZERC TO SEPARATION-DT (LOCP-INDEX).	GO TO ENLISTMENT-UPDATE-END.		45-TYPE.	MOVE AREA-COUNT (4) TO LOOP-INDEX.	IF DO-ACTION OF TRS-IN-REC < DO-ENLISTMENT (LOOP-INDEX)	THEN MOVE 'A-05' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.	MOVE SPACES TO SEPARATION-CD (LOOP-INDEX).	MOVE SPACES TO REEVL-INDIC (LOOP-INDEX).	MOVE ZEROS TO SEPARATION-DT (LOOP-INDEX).	MOVE '1' TO ACT-INACT-FLAG.	MOVE ZERO TO SEPARATION-DT (LOOP-INDEX).	MOVE 1 TO STAT-USED-FLAG.	GO TO ENLISTMENT-UPDATE-END.		A8-TYPE.
INPUT LISTING	:										45-												٠	A8.
81/31/10	CARD NO	938	626	076	156	942	943	944	945	946	947	876	949	338	1 951	952	953	954	955	926	957	958	656	096

81/18/18	INPUT LISTING AUTOFLOW CHART SET	- SRS UPDATE SRS HISTORY
CARD NO	CONTENTS	::
961	ADD 1 TO AREA-COUNT (4).	00000000
962	NOVE AREA-COUNT (4) TO LOOP-INDEX.	0000000
6963	MOVE CUR-SORS-ENT OF TRS-IN-REC TO	00006520
964	SCURCE-OF-ENTRY (LOOP-INDEX).	000008830
965	MOVE DO-ACTION OF TRS-IN-REC TO	00006540
996	GO-ENLISTMENT (LOOP-INDEX)	0.653300
1967	MOVE LEN-O-ENL OF TRS-IN-REC TO	00006550
968	LAG-ENLISTMENT (LOOP-INDEX).	00006570
696	MOVE COMP.CCDE OF TRS-IN-REC TO	00006580
970	CCMPONENT-CODE (LOOP-INDEX).	00000
971	MOVE '1' TO ACT-INACT-FLAG.	0000000
972	MOVE ZERO TO SEPARATION-DT (LOOP-INDEX).	0000000
973	MOVE 1 TO STAT-USED-FLAG.	00008620
974	PERFORM GRADE-UPDATE THRU GRADE-UPDATE-END.	00006630
975	GO TO ENLISTMENT-UPDATE-END.	00006640
916		00006650
716	R-TYPE.	00006360
878	IF AREA-COUNT (4) = ZERO THEN	00003670
979	MOVE 'R-62' TO ERR-CODE	0000000
980	GO TO ENLISTMENT-UPDATE-END.	06990000
931	MOVE AREA-COUNT (4) TO LOOP-INDEX.	0000000
562	IF TCC = 'R1' GO TO R1-R3-TYPE	01290000
636	ELSE IF TCC = 'R2' GO TO R2-R5-TYPE	00006720

UPDATE SAS HISTORY	:	00005730	00006740	00006750	00006760	00006770	00006780	00006790	00000000	00000810	00006820	00006830	00005340	00005850	00000860	00006870	00006660	00006890	00650000	00006910	00006920	00000000	00006940	00000000	
INPUT LISTING AUTOFICM CHART SET - SRS L	CONTENTS	ELSE IF TCC = 'R3' GO TO R1-R3-TYPE	ELSE IF TCC = 'RS' GO TO R2-R5-TYPE	ELSE NOVE 'R-03' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.		R1 - P3-T7PE.	IF DO-ACTION OF TRS-IN-REC < DO-ENLISTMENT (LOOF-INDEX)	THEN MOVE 'R-04' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.		MOVE DOD-SEP-CODE TO SEPARATION-CD (LOOP-INDEX).		MOVE REEML-IND TO REENL-INDIC (LOOP-INDEX).	MOVE DO-ACTION OF TRS-IN-REC TO SEPARATION-DT (LOOP-INDEX).	MOVE '2' TO ACT-INACT-FLAG.	MOVE 1 TO STAT-USED-FLAG	GO TO ENLISTMENT-UPDATE-END.		R2-R5-17PE.	IF DO-ACTION OF TRS-IT-REG NOT < DO-ENLISTMENT (LOOP-INDEX)	" MAY WANT TO REMOVE ABOVE CARD AFTER INITIAL RUNS.	GO TO NCRWAL-R-TYPE.	COMPUTE LOGP-INDEX . LOOP-INDEX - 1.	
87/18/78	CARD NO	964	985	986	587	386	686	056	166	992	666	994	966	966	166	856	656	1000	1001	1002	1003	1004	1005	1006	

UPDATE SPS HISTORY	;	09699000	00000970	00006380	05693000	00001000	0107000	00007020	007030	00007040	0000000	00007060	00007070	00007000	00001030	00007100	00007110	00007120	00007130	00007140	00007150	00007160	00007170	00007180
AUTOFLOW CHART SET - SRS	CONTENTS	IF LOOP-1NJEX = ZERO COO	GOVE 'R-GG' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.	IF SEPARATION-DT (LO3P-INDEX) = ZERO	200	THEN 000	000	MOVE REENL-IND TO REENL-INDIC (LOOP-INDEX) 00007030	MOVE DO-ACTION OF TRS-IN-REC TO OCC	SEPARATION-DT (LOOP-INDEX) 000	MOVE '2' TO ACT-INACT-FLAG	MOVE 1 TO STAT-USED-FLAG	MOVE DOD-SEP-CODE TO SEPARATION-CD (LOOP-INDEX) 000	ELSE MOVE 'R-04' TO ERR-CODE.	GO TO ENLISTMENT-UPDATE-END. 000	300	NORMAL-R-TYPE.	000	MOVE DOD-SEP-COUE TO SEPARATION-CD (LOOP-INDEX). 000	MOVE REENL-IND TO REENL-INDIC (LOOP-INDEX). GOO	MOVE DO-ACTION OF TRS-IN-REC TO SEPARATION-DT (LOOP-INDEX). GOO	MOVE '2' TO ACT-INACT-FLAG.	MOVE 1 TO STAT-USED-FLAG. 000
INPUT LISTING	:					•		•									•	NORN	•					
07/18/78	CARD NO	1001	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	10:8	6101	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029

UPDATE SES HISTORY	:::	00007190	00001200	00007210	00007220	00007230	00007240	00007250	00007260	00007270	00007280	00007290	00001300	00007310	00007320	00007330	00007340	00007350	00007350	OF SRS-HIST-REC. 00007370	OF SRS-HIST-REC.00007380	SRS-HIST-REC.00007390	OF SRS-HIST-REC. 00007400	00007410
INPUT LISTING AUTOFICM CHART SET - SRS	CONTENTS	ENLISTMENT-UPDATE-EMD. EXIT.		FORGET - ENL.	COMPUTE LESSI . LOOP-INDEX - 1.	MOVE ENLISTMENT (LOOP-INDEX) TO ENLISTMENT (LESS1).		EJECT	•	DURATION - CALC.		COMPUTE DURATION-MONTHS =	(YY OF CUR-DAT-9 - 12 + MM OF CUR-DAT-9) -	(YY-W - 12 + MM-W).	DURATION-CALC-END. EXIT.	•	EJECT		STAT-UPDATE.	MOVE L-NAME OF TRS-IN-REC TO NAME OF SRS-HIS	MOVE INITS OF TRS-IN-REC TO INITIALS OF SRS-HIS	MOVE ETHILL OF TRS-IN-REC TO ETHNIC-GROUP OF SRS-HIS	MCVE AFAD-BD OF TRS-IN-REC TO AFADBD OF SRS-HIS	IF (TCC NGT = 'R1') AND (TCC NOT = 'R3') AND
07/18/78	CARD NO	1030	1631	1032	1033	1034	1035		1036	1037	1038	1039	1040	1041	1042	1043		1044	1045	1046	1047	1048	1049	1050

UPDATE SES HISTORY	:	00007420	SRS-HIST-REC.00007430	SRS-HIST-REC.00007440	00001450	OF SRS-HIST-REC.00007460	00001410	00007480	SRS-HIST-REC 00007490	OF SRS-HIST-REC. 00007500	0000015:0	. 00007523	-REC.00007530	00007540	00007550	00007560	00007570	00007580	06920000	000010000	00007610	00007620	000001630	00007640	
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	(ICC 1.01 = 'R5') THEN	MOVE EAS-ACTUAL OF TRS-IN-REC TO ACTUAL-EAS OF SRS-HIST	MOVE PEBO OF TRS-IN-REC TO FEBD OF SRS-HIST	IF (ICC NOT = 'UD') AND (ICC NOT = 'JP') THEN	MOVE CIT-ST OF TRS-IN-REC TO CITIZENSHIP OF SRS-HIST	MOVE MARITAL-STAT OF TRS-IN-REC TO MARITAL-STATUS.	IF NO-DEP OF TES-IN-REC > 9	THEN MOVE 9 TO NUM-DEP-CURR OF SRS-HIST	ELSE MOVE NO-DEP TO NUM-DEP-CURR OF SRS-HIST	MOVE CIV-ED-YRS OF TRS-IN-REC TO YEARS-ED OF CIV-ED-CURR.	MOVE CIV-ED-LVL OF TRS-IN-REC TO DEGREE OF CIV-ED-CURR.	MOVE DMOS OF TRS-IN-REC TO BILLET-MOS OF SRS-HIST-REC.00007530	MOVE KC-C-DATE TO LAST-CHG-DATE.		EJECT		GRADE-UPDATE.		IF AREA-COUNT (6) > 19	THEN PERFORM FORGET-GRD VARYING LOOP-INDEX	FROM 2 BY 1 UNTIL LOOP-INDEX > 20	ADD 1 TO DROP-GRD-CTR	MOVE 19 TO AREA-COUNT (6).	
07/18/78	CARD NO	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064		1065	1066	1067	1068	1069	1670	1071	1072	

UPDATE SAS HISTORY	÷	00001650	00007630	00007670	00007680	00007690	00007700	000077:0	00007720	00007730	00000740	00007750	00007760	00007770	00001780	000007790	00200500	00007810	00007820	00007830	00007910	00007850	00007860	00007870	
TING AUTOFLOW CHART SET - SRS	CONTENTS	MOVE PRES-GRO OF TRS-IN-REC TO WORK-GRADE.	MOVE KK-GED TO NEW-GRADE.	IF AREA-COUNT (6) = ZERO	NOVE 'D-02' TO ERR-CODE	GO TO GRADE-UPDATE-END.	MOVE AREA-COUNT (6) TO LESSI.	MOVE GRADE (LESS1) TO WORK-GRADE.	MOVE WK-GFD TO OLD-GRADE.	IF (NEW-GRADE = OLD-GRADE) AND	, PRES-COR	OF TRS-IN-REC	= DATE-OF-RANK (LESS1))	THEN MOVE 'Z-05' TO ERR-CODE	GO TO GRADE-UPDATE-ELD.	T CHANGE WARRANT GRADES (TEMPORARILY) FOR GRADE HIERARCHY	· EDITING	IF FST-GRO-LETO = 'W' MOVE 'F' TO FST-GRO-LETO.	IF FST-GRD-LEIN = 'W' MOVE 'F' TO FST-GRD-LEIN.		IF TCC = 'DB' GO TO PROMOTE-TYPE ELSE	IF TCC = 'CH' GO TO PROMOTE-TYPE ELSE	IF TCC = '02' GO TO PROMOTE-TYPE ELSE	IF TCC = 'DC' GO TO REDUCE.TYPE ELSE	
INPUT LISTING	:																			•					
07/18/78	CARD NO	1073	1074	1075	1076	1077	1078	1079	1060	1081	1082	1083	1084	1085	1086	1097	1098	1069	1690	1091	1092	1093	1094	1095	

UPDATE SRS HISTORY	:	00007880	00001890	00001900	00007910	00007520	06601930	00007540	000007550	00007960	00007970	00007960	00001990	00080000	01050000	00006020	.). 000000000	00000000	00008050	00000000	00000000	00000000	00008000	00000100	
HART SET . SRS		ELSE	ELSE	ELSE	ELSE	ELSE										GRADE (LOOP-INDEX).	DATE-OF-RANK (LOOP-INDEX), 00008030								
AUTOFLOW CHART SET	CONTENTS	REDUCE-TYPE	REDUCE-TYPE	ESTAB-TYPE	CORRECT-TYPE	DIFF-TYPE	ERR-CODE	E-END.			OLD-GRADE	TO ERR-CODE	GRADE-UPDATE-END.	6).	AREA-COUNT (6) TO LOOP-INDEX.		10				OLD-GRADE	TO ERR-CODE	TO GRADE-UPDATE-END.	. (9)	
		01 00 '72'	01 00 .60,	DE' GO TO	02 09 ,50,	VA8' GO TO	70	GRADE - UPDATE - END.			V TON	/E 'D-03'	0	AREA-COUNT (6).	JNT (6) TO	PRES-GRD OF TRS-IN-REC TO	PRES-DOR OF TRS-IN-REC	GRADE-END-1.			> TON :	/E 'D-04' TO		AREA-COUNT (6).	
		1, = 221	1, = 331	1, = 351	1, = 331	7, = 331	MOVE 10-01	GO TO GE		-TYPE.	NEW-GRADE	THEN MOVE	3	1 70				TO GRADE.		TYPE.	NEW-GRADE	THEN MOVE	8	1 10	
INPUT LISTING	ì	11	1.5	IF	IF	1F				PROMOTE-TYPE.	IF			ADD	MOVE	MOVE	MOVE	09		REDUCE-TYPE.	IF			ADD	
07/18//8	CARD NO	1096	1097	1098	1099	1100	11011	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	

97/18/78	INPUT LISTING AUTOFLOW CHART SET - SRS	UPDATE SES HISTORY
CARD NO	CONTENTS	
6111	MOVE AREA-COUNT (6) TO LOOP-INDEX.	00006110
1120	MOVE PRES-GRD OF TRS-IN-REC TO GRADE (LOOP-INDEX).	00008:20
1121	MOVE PRES-DOR OF TRS-IN-REC TO DATE-OF-RANK (LOOP-INDEX).	EX). 00008130
1122	GO TO GRADE-EMD-1.	00008.40
1123		00003150
1124	ESTAB-TIPE.	60(60:00
1125		00003170
1126	CORRECT-TYPE.	090000
1127	MOVE PRES-GRD OF TRS-IN-REC TO GRADE (LESSI).	00000150
1128	MOVE PRES-DGR OF TRS-IN-REC TO DATE-OF-RANK (LESS:).	00003200
1129	GO TO GRADE-E1-0-1.	00003210
1130		00008220
1131	DIFF-TYPE.	00008230
1132	ADD 1 TO AREA-COUNT (6).	00000540
1133	MOVE AREA-COUNT (6) TO LOOP-INDEX.	00008250
1134	MOVE PRES-GRD OF TRS-IN-REC TO GRADE (LOOP-INDEX).	00008260
1135	MOVE PRES-DOR OF TRS-IN-REC TO DATE-OF-RANK (LOOP-INDEX).	EX). 00008270
1136		00006280
1137	GRADE-END-1.	00008230
1138	MOVE 1 TO STAT-USED-FLAG.	00008300
1139		00008310
1140	GRADE-UPDATE-END. EXIT.	00008320
1141		00008330

TORY																									
UPDATE SES HISTORY	į	00008340	00000380	00008360	00008370	00008380	00008390	00054000	00009410	00003420	00008430	00008440	00008450	00008460	00008470	00005430	00008480	00008200	00000810	00000520	00008530	00003540	00008550	00008560	
AUTOFLOW CHART SET - SRS UP	CONTENTS		= LOOP-INDEX - 1.	GRADES (LOOP-INDEX) TO GRADES (LESSI).						GO TO TYPE-U9.	STAT IS A UA-TYPE	7) > 29	EM FORGET-UA-SH VARYING LOOP-INDEX	FROM 2 BY 1 UNTIL LOOP-INDEX > 30	DROP-UAS-CTR	29 TO AREA-COUNT (7).		AREA-COUNT (7).	AREA-COUNT (7) TO LOOP-INDEX.	DO-ACTION OF TRS-IN-REC TO DATE-OF-UA (LOOP-INDEX).	TO UA-SH-FLAG (LOOP-INDEX).	STAT-USED-FLAG.	UA-SHORT-UPDATE-END.		
INPUT LISTING		FOAGET-GAD.	COMPUTE LESS1	MOVE GRADES (L		EJECT	•	UA - SHORT - UPDATE.	,	.6n, = D21 4I	AT THIS POINT.	IF AREA-COUNT (7)	THEN PERFORM		ADD 1 TO CRO	MOVE	,	ADD 1 TO ARE	MOVE AREA-COUN	MOVE DO-ACTION	MOVE '1' TO	MOVE 1 TO S	GO TO UA-SHOR	•	
07/16,78	CARD NO	1142	1143	1144	1145		3116	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	

81/181/1	INPUT LISTING AUTOFLOW CHART SET - SRS	RS CPDATE SAS HISTORY	087
CARD NO	CONTENTS	:	
1164	TYPE-U9.	00008570	
1165	MOVE AREA-COUNT (7) TO LOOP-INDEX.	000008860	
1166	IF LOOP-INDEX = ZERO	000002200	
1167	THEN MOVE 'U-13' TO ERR-CODE	00008600	
1168	GO TO UA-SHORT-UPDATE-END.	00008610	
1169	IF DO-ACTION OF TRS-IN-REC . DATE-OF-UA (LOOP-INDEX)	NDEX) 03098629	
1170	THEN MOVE '2' TO UA-SH-FLAG (LOOP-INDEX)	00008830	
11711	ELSE MOVE 'U-01' TO ERR-CODE	00000640	
1172	CO TO UA-SHORT-UPDATE-END.	00008650	
1173	MOVE 1 TO STAT-USED-FLAG.	00008850	
1174	•	00003670	
1175	UA-SHORT-UPDATE-END. EXIT.	0998980	
1176	FORGET-UA-SH.	00000000	
11177	COMPUTE LESSI = LOOP-INDEX - 1.	00000000	
1178	MOVE U4-SHORT (LOOP-INDEX) TO UA-SHORT (LESS1).	01790000	
1179		00008720	
	EJECT	00000130	
1180	•	0000000	
11811	UA LONG-UPDATE.	00008750	
1182	MOVE AREA-COUNT (8) TO LESSI.	090008760	
1183	MOVE 1 TO UGOTO.	0225000	
1184	IF C-D-CDE = '1' MOVE 2 TO UGOTO	00008780	
1185	ELSE IF C.O.CDE = '2' MOVE 3 TO UGOTO.	060603790	

C81/10	INPUT LISTING	UPDATE SAS HISTORY
CARD NO	CONTENTS	į
1186	3F TCC = 'U1' GO TO U1-TYPE	0000000
1187	ELSE IF ICC = 'US' GO TO US-TYPE	00008810
1138	ELSE IF TCC = 'U6' GO TO U6-TYPE	00006820
1189	ELSE IF TCC = 'U7' GO TO U7-TYPE	00008830
1150	ELSE IF TCC = 'U9' GO TO U9-TYPE	000003340
1191	ELSE HOVE 'U-02' TO ERR-CODE	64886600
1192	GO TO UA-LONG-UPDATE-END.	00008890
1193		00008870
1194	UI-TYPE.	00003880
1195	IF AREA-COUNT (8) > 29	06860000
1196	THEN PERFORM FORGET-UA-L' VARYING LOOP-INDEX	00680000
1197	FROM 2 BY 1 UNTIL LOOP-INDEX > 30	00008910
1198	ADD 1 TO DROP-UAL-CTR	00003920
1199	MOVE 29 TO AREA-COUNT (8).	0000000
1200	GO TO UT-ZERO. UT-ONE. UT-TWO	00008940
1201	DEPENDING ON UGOTO.	03680000
1202		09680000
1203	U1 - ZERO.	00008970
1204	IF LESS1 = ZEPO	00008880
1205	THEN ADD 1 TO AREA-COUNT (8)	06680000
1206	MOVE DO-ACTION OF TRS-IN-REC TO TO-UA-DATE (1)	000000000
1267	MOVE '1' TO UA-FLAG (1)	01060000
1208	MOVE 1 TO STAT-USED-FLAG	00009020

UPDATE SRS HISTORY	:	00000000	00009640	09050000	09090000	00003010	03050000	95960900	00000100	01160000	00009120	00009130	00009140	00003150	60000160	02160000	00000160	00000130	00000000	00003210	00009220	00009230	00009240	00009250
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	MOVE ZERO TO FROM-UA-DATE (1)	GO TO UA-LONG-UPDATE-END.	IF UA-FLAG (LESSI) = '1'	THEN IF DO-ACTION	OF TRS-IN-REC	- TO-UA-DATE (LESS1)	THE! MOVE '2-C5' TO ERR-CODE	ELSE MOVE 'U-G3' TO ERR-CCDE	ELSE ADD 1 TO AREA-COUNT (8)	MOVE AREA-COUNT (8) TO LOOP-INDEX	MOVE DJ-ACTION OF TRS-IN-REC TO	TO-UA-DATE (LCOP-INDEX)	MOVE ZERC TO FROM-UA-DATE (LOOF-INDEX)	MGVE '1' TO UA-FLAG (LOOP-INDEX)	MOVE 1 TO STAT-USED-FLAG.	GO TO UA-LONG-UPDATE-END.		U1 - TWO.	IF LESS1 = ZERO	THEN MOVE 'U-04' TO ERR-CODE	ELSE IF UA-FLAG (LESS1) NOT = '1'	THEN MOVE 'U-05' TO ERR-CODE	ELSE MOVE ZERO TO TO-UA-DATE (LESS1)
87/18/78	C445 NO	1209	1210	1211	1212	1213	12.4	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231

ž:																									
UPDATE SAS HISTORY	:	00009260	00009270	00009280	00000530	0000000	00009310	00008320	000003330	00003340	00009350	09263000	00000373	00000380	06050000	00000400	000009410	00009420	00009430	00005440	00009450	00003460	00009470	00009480	
AUTOFLOW CHART SET - SRS	CONTENTS	MOVE SPACE TO UA-FLAG (LESS1)	ROVE 1 TO STAT-USED-FLAG	SUBTRACT 1 FROM AREA-COUNT (8).	TO UA-LCNG-UPDATE-END.			LESS1 = ZERO	THEN MOVE 'U-06' TO ERR-CODE	ELSE IF UA-FLAG (LESSI) NOT = '1'	THEN MOVE 'U-07' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	TO-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG.	TO UA-LONG-UPDATE-END.				LESS1 = ZERO	THEN MOVE 'U-08' TO ERR-CODE	GO TO UA-LONG-UPDATE-END.	TO US.ZERO, US-ONE, US-TWO	DEPENDING ON UGOTO.		
INPUT LISTING	į				9	•	U1 - ONE.	IF								•		US-TYPE.	IF			9		•	
07/18/78	CARD NO	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	

UPDATE SAS HISTORY	:	00009490	00000000	01550000	00009520	00009530	000005*40	00003550	0900000	00009570	02055000	06550000	00000000	01950000	000006520	00005630	00009640	00003650	00000000	00009670	00003680	05950000	000550000	01760000
LISTING AUTOFLOW CHART SET - SRS	CONTENTS	US-ZERO.	IF UA-FLAG (LESS1) 1.0T = '1'	THEN IF DO-ACTION OF TRS-IN-REC . =	FRCM-UA-DATE (LESS1)	THEN MOVE 'Z-05' TO ERR-CODE	3005:883 01 ,60:0; 3ACW 3573	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESSI)	MOVE 1 TO STAT-USED-FLAG	MOVE '2' TO UA-FLAG (LESSI).	GO TO UA-LONG-UPDATE-END		US-TWO.	IF UA-FLAG (LESSI) 1:0T = '2'	THEN MOVE U-10' TO EPR-CODE	ELSE MOVE ZERO TO TO-UA-DATE (LESST)	MOVE 1 TO STAT-USED-FLAG	MOVE '1' TO UA-FLAG (LESSI).	GO TO UA-LONG-UPDATE-END.		US-ONE.	IF UA-FLAG (LESSI) MOT = '2'	THEN MOVE 'U-10' TO ERR-CODE
INPUT .	į																							
87/13/78	CARD NO	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1266	1269	1270	1271	1272	1273	1274	1275	1276	1277

07/18 O IN	CARD NO	1278	1279	1280	1251	1282	1283	1284	1265	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	
INPUT LISTING	:				9	,	٠	U6-TYPE	11			99		•	U6-2ERO.	11									
AUTOFLOW CHART SET - SRS	CONTENTS	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG.	TO UA-LONG-UPDATE-END.				LESS1 = ZERO	THEN MOVE 'U-08' TO ERR-CODE	GO TO UA-LONG-UPDATE-END.	TO U6-ZERO, U6-ONE, U6-TWO	DEPENDING ON UGOTO.			UA-FLAG (LESS1) POT = '1'	THEN IF DO-ACTION	OF TRS-IN-REC	= FROM-UA-DATE (LESS1)	THEN MOVE 'Z-05' TO ERR-CODE	ELSE MOVE 'U-09' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG	
UPDATE SRS HISTORY		00009720	00008730	00009740	00009750	00009760	07460000	00003789	00008780	000080000	00000810	00000000	00008630	000009840	000000	29880000	00003870	03860000	00003830	00660000	01650000	00000000	00000000	00000000	

UPDATE SAS HISTORY	•	09880000	09360000	02660000	0000000	05660000	000121000	00010010	00010020	00010030	00010040	0001000	0001000	00010070	00010000	0001000	00010100	00010110	00010120	00010130	00010140	00010150	00010160	00010170
AUTOFLOW CHART SET - SRS	CONTENTS	NOVE 'S' TO UA-FLAG (LESST).	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) 7:07 = '5'.	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE ZERO TO TO-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG	NOVE '1' TO UA-FLAG (LESS1).	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) 7:0T = '5'	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG.	TO UA-LONG-UPDATE-END.				LESS1 = ZERO	THEN MOVE 'U-08' TO ERR-CODE
INPUT LISTING	:		9	٠	U6-TWO.	IF					09		U6 - ONE.	16					9	•	•	U7-TYPE	16	
07/18/78	CARD NO	1301	1302	1303	1304	1305	1366	1307	1308	1309	1310	1311	1 1312	354	1 1314	1315	1316	1317	1318	1319	1320	1321	1322	1323

UPDATE SRS HISTORY	†	00010160	03010190	00010200	00010210	00010220	00010230	00010240	00010250	00010260	00010270	00010280	00010290	00010300	00010310	00010320	00010330	00010340	00010350	00010360	00010370	00010380	00010390	00010400	
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	GO TO UA-LONG-UPDATE-END.	GO TO U7-ZERG. U7-3NE. U7-TWO	DEPENDING ON UGOTO.		U7-2ERO.	IF UA∗FLAG (LESS1) 1.6T = '1'	THEN IF DO-ACTION	OF TRS-IN-REC	= FROM-UA-DATE (LESS1)	THEN MOVE '2-05' TO ERR-CODE	ELSE MOVE 'U-09' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG	MOVE '3' TO UA-FLAG (LESSI).	GO TO UA-LONG-UPDATE-END.		U7 - TWO.	IF UA-FLAG (LESS1) 1:0T = '3'	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE ZERO TO TO-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG	MOVE '1' TO UA-FLAG (LESS1).	
1 87/81/10	CARD NO	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1339	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	

UPDATE SRS HISTORY	•	01501000	00010420	00010430	C001C440	00010450	00010460	00010470	00010480	06210700	00010500	00010510	00010523	0001.530	00016540	00010550	00010560	00010570	00010560	00010590	00010600	TE-END00010610	00010620	00010630
AUTOFLOW CHART SET - SRS	CONTENTS	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) 1.0T = '3'	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS!)	MOVE 1 TO STAT-USED-FLAG.	TO UA-LONG-UPDATE-END.				LESS1 = 2EAO	THEN MOVE 'U-11' TO ERR-CODE	CO TO UA-LONG-UPDATE-END.	TO U9-ZERO. U9-DNE. U9-TWO	DEPENDING ON UGOTO.			UA-FLAG (LESS1) NOT = '2'	THEN PERFORM UA-SHORT-UPDATE THRU UA-SHORT-UPDATE-ENDOOG10610	ELSE MOVE '4' TO UA-FLAG (LESS1)	MOVE 1 TO STAT-USED-FLAG.
INPUT LISTING	:	09		U7 - ONE.	IF					09	•	•	U9-TYPE	16			00		•	U9-ZERO.	IF			
07/18/78	CARD NO	1347	1348	1349	1350	1351	1352	1353	1054	1355	1356	1357	1358	1359	9981	1361	1362	1363	1364	1365	1366	1367	1368	1369

UPDATE SRS HISTORY	::	00010640	00010550	00010660	00010570	00010660	06901000	00010100	00010710	00010720	00010730	00010740	00010750	00010760	00010770	00010780	00010790	0001000	00010810	00010820	00010830	00010840	00010850	00010860
AUTOFLOW CHART SET - SRS	CONTENTS	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) 7.0T = '4'	THEN MOVE 'U-12' TO ERR-GODE	ELSE (1975 '2' TO UA-FLAG (16951)	MOVE 1 TO STAT-USED-FLAG.	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) NOT = '4'	THEN MOVE 'U-12' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG.	TO UA-LONG-UPDATE-END.		UA-LONG-UPDATE-END. EXIT.		JA-L.	COMPUTE LESS1 = LOOP-INDEX - 1.	MOVE UA-LONG (LOOP-INDEX) TO UA-LONG (LESSI).	
INPUT LISTING	:	9		U9-TWO.	1.6				09	٠	U9 ONE.	IF					09	٠	UA - LONG		FORGET-UA-L.	COM	MOV	•
07/18	CARD NO	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	385	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392

	AUTOFLOW CHART SET - SRS	UPDATE SAS HISTORY
	CONTENTS	ì
	EUECT	00010870
1383		00010860
1284	EXTENSION-UPDATE.	00010890
1385		00010000
1296	IF TCC = 'EE' OR 'EI' OR 'E2' OR 'E4'	01901000
1387	THEM GO TO EXTENSION-UPDATE-END.	00010920
1396	IF TCC = 'EP' OR 'ER'	00010930
6661	PERFORM BONUS-UPDATE THRU BONUS-UPDATE-END.	00010940
1400	IF AREA-COUNT (5) > 8	00010350
1401	THEN PERFORM FORGET-EXT VARYING LOOP-INDEX	00010960
1402	FROM 1 BY 1 UNTIL LOOP-INDEX > 8	00010970
1403	ADD 1 TO DROP-EXT-CTR	00010580
1404	MOVE 8 TO AREA-COUNT (5).	06601000
1405	IF 1CC = 'EF' OR 'EP' OR 'ER' OR 'EX'	00011000
1406	THEN GO TO EXT-OK	00011010
1407	ELSE MOVE 'E-01' TO ERR-CODE	00011020
1408	GO TO EXTENSION-UPDATE-END.	00011330
1409		00011040
1410	EXT-OK.	00011050
1411	MOVE AREA-COUNT (5) TO LOOP-INDEX.	00011060
1412	IF LOOP-INDEX = ZERO	00011000
1413	THEN ADD 1 TO LOOP-INDEX	00011080
1414	MOVE EXTS-IND TO TOT-MON-EXT (LOOP-INDEX)	06011000

AUTOFLOW CHART SET - SRS UPDATE SRS HISTORY	CONTENTS	MOVE LAST-EXT-IND TO MON-LATEST-EXT (LOOP-INDEX)00011100	MOVE : TO TOT-NUMB-EXT (LOOP-INDEX) 00011110	MOVE DO-ACTION GOOTITED	OF TRS-IN-REC	TO DI-LATEST-EXT (LGOF-INDEX) 00011140	MOVE AREA-COUNT (4) TO ENL-X-REF-FLAG (LOOP-INDEX)00011180	MOVE 1 TO AREA-COUNT (S) 00011160	MOVE 1 TO STAT-USED-FLAG	GO TO EXTENSION-UPDATE-END. COOII180	IF ENL-X-REF-FLAG (LOOP-INDEX) < AREA-COUNT (4) 00011150	THEN ADD 1 TO LOOP-INDEX	MOVE EXTS-IND TO TOT-MON-EXT (LOOP-INDEX) GOOTIZIO	MOVE LAST-EXT-IND TO MON-LATEST-EXT (LOOP-INDEX)00011220	1:0VE 1 TO TOT-NUMB-EXT (LOOP-INDEX) 00011230	KOVE DO-ACTION OF TRS-IN-REC TO CO011240	DI-LATEST-EXT (LOOP-INDEX)	MOVE AREA-COUNT (4) TO ENL-X-REF-FLAG (LOCP-INDEX)00011263	MOVE LOOP-INDEX TO AREA-COUNT (5) 00011270	ELSE MOVE EXTS-IND TO TOT-MON-EXT (LCOP-INDEX) 06011280	MOVE LAST-EXT-IND TO MON-LATEST-EXT (LOOP-INDEX)00011290	MOVE DO-ACTION OF TRS-IN-REC TO 00011300	DI-LATEST-EXT (LOOP-INDEX)	4DD 1 TO TOT-NUMB-EXT (LOOP-INDEX). 00011320
INPUT LISTING																								
01/18	CARD NO	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437

ST C C C C C C C C C C C C C C C C C C C	CHART SI ENSION (DEX). 0001140 PEX). 0001140 PEX COUTTINE OCUTIAND
VARYING LOOP-INDEX LOOP-INDEX SUBTRACT 1 FROM ENDITE SUBTRACT 1 FROM AREI PERFORM REDUCE-XREF-FLAG VARYIN	FROM 1 BY 1 UNTIL FNDIT A-COUNT (5). AG LOOP-INDEX FROM 1	00011520 00011530 00011540 00011550
	WE TO STAT-USED-PROVE 1 TO STAT-USED-PROVE EXITON-UPDATE-END. EXITONERS: COMPUTE LESSI = 103P- MOVE EXTENSION (LESSI) FLAG-CORRECTION. THE ENL:STMENT AREA AGS ARE CHANGED TO PROVE AREA-COUNT (5) TO THEN PERFORM FORGE VARYING LOC SUBTRACT 1 FR SUBTRACT 1 FR SUBTRACT 1 FR SUBTRACT 1 FR SUBTRACT 1 FR	CONTENTS CONTEN

81/18/18	INPUT LISTING AUTOFLOW CHART SET - SRS	UPDATE SRS HISTORY
CARD NO	CONTENTS	:
1461	BY 1 UNTIL LOOP-INDEX > ENDIT.	00011560
1462		00011570
1463	XREF-FLAG-CORRECTION-END. EXIT.	00011580
1464		00011590
1465	REDUCE-XREF-FLAG.	00011600
1466	SUBTRACT 1 FROM ENL-X-REF-FLAG (LOOP-INDEX).	00011610
1467		00011520
	EUECT	00011630
1468		00011640
1469	BONUS-UPDATE.	00011650
1470	IF AREA-COUNT (13) > 9	00011660
1471	THEN PERFORM FORGET-BON VARYING LOOP-INDEX	00011670
1472	FROM 2 BY 1 UNTIL LOOP-INDEX >	10 00011660
1473	ADD 1 TC DROP-BON-CTR	00011650
1474	MOVE 9 TO AREA-COUNT (13).	00011700
1475	IF VRB-M = SPACES OR 'O' GO TO BONUS-UPDATE-END.	00011710
1476	ADD 1 TO AREA-COUNT (13).	00011720
1477	MOVE AREA-COUNT (13) TO LOOP-INDEX.	00011730
1478	MOVE VRB-M TO SRB-BON-TYPE (LOOP-INDEX).	00011740
1479	MOVE VRB-P TO ZONE (LOOP-INDEX).	00011750
1480	MOVE DO-ACTION OF TRS-IN-REC TO BONUS-DATE (LOOP-INDEX).	00011760
1481	MOVE 1 TO STAT-USED-FLAG.	00011770
1482	BONUS-UPDATE-END. EXIT.	00011780

87/18/78	INPUT LISTING	UPDATE SPS HISTORY
CARD NO	CONTENTS	:
1483		00011750
484	FORCET-30N.	00011800
1485	COMPUTE LESS1 = LOOP-INDEX - 1.	0.3116.0
1485	MOVE BONUS (LOCP-INDEX) TO BONUS (LESS1).	00011820
	EJECT	00011830
1467		59911900
1488		00011650
1489	TRANSFERS-UPDATE.	00011520
1490	IF AREA-COUNT (10) > 59	00011870
1491	THEN PERFORM FORGET-TRANS VARYING LOOP-INDEX	00011560
1492	FROM 2 BY 1 UNTIL LOOP-INDEX > 60	0 00011890
1493	ADD 1 TO DROP-TRN-CTR	00011800
1494	MOVE 59 TO AREA-COUNT (10).	00011910
1495		00011920
1496	MOVE AREA-COUNT (10) TO LOOP-INDEX.	00011930
1497	IF PRES-RUC OF TRS-IN-REC = RUC (LOOP-INDEX)	00011610
1498	THEN IF PRES-MCC OF TRS-IN-REC = PMCC (LOOP-INDEX)	00011950
1499	THEN	00011960
1500	MOVE 'Z-05' TO ERR-CODE	00011970
1501	GO TO TRANSFERS-UPDATE-END	00011580
1502	ELSE NEXT SENTENCE	00011990
1503	ELSE NEXT SENTENCE.	00012000
1504	ADD 1 TO AREA-COUNT (10).	00012010

AUTOFLOW CHART SET - SRS UPDATE SRS HISTORY	CONTENTS	OP-INDEX. 00012020	EC TO FMCC (LOOP-INDEX). 00012030	EC TO PMCC (LOOP-INDEX). 00012040	EC TO RUC (LOOP-INDEX). 00012050	IN-REC 00012060	P-INDEX).	TO BEGIN-DATE (LOOP-INDEX). CO012080	00012090	00012100	00012110	X - 1	TO TRANSFERS (LESS1). 00012130	00012140	0012150	00012160	00012170	00012180	00012190	RB VARYING LOOP-INDEX 00012200	BY 1 UNTIL LOOP-INDEX > 20 06012210	00012220	-COUNT (11). 00012230	00012240
INPUT LISTING	CONT	MOVE AREA-COUNT (10) TO LOOP-INDEX.	MOVE FORT MCC OF TRS-IN-REC	MOVE PRES-MCC OF TRS-IN-REC	MOVE PRES-RUC OF TRS-IN-REC	MOVE STRENGTH-CAT OF TRS-IN-REC	TO STREN-CAT (LOOP-INDEX).	MOVE DO-ACTION OF TRS-IN-REC TO BEGIN-DATE (LOOP-INDEX).	MOVE 1 TO STAT-USED-FLAG.	TRANSFERS-UPDATE-END. EXIT.	FORGET - TRANS.	COMPUTE LESS1 = LOOP-INDEX	MOVE TRANSFERS (LOOP-INDEX)		EUECT		TURBULENCE - UPDATE.		IF AREA-COUNT (11) > 19	THEN PERFORM FORGET-TURB	FROM 2 B	ADD 1 TO DROP-TUR-CTR	MOVE 19 TO AREA-COUNT (11).	ADD 1 TO AREA-COUNT (11).
601/20	CARD NO	1505	1506	1507	1508	1509	1510	11511	1512	1513	1514	1515	1516	1517		1518	1519	1520	1521	1522	1523	1524	1525	1526

UPDATE SRS HISTORY	::	00012250	9-INDEX) 00012260	VDEX). 00C12270	00012280	EX). 00012290	00012390	00012310	00012320	00012330	00012340	03012350	00012360	00012370	00012380	00012350	00012400	00012410	00012420	00012430	. 00012440	00012450	00012460	00012470
AUTOFLOW CHART SET . SRS	CONTENTS	TO LOOP-INDEX.	PRES-MCC OF TURBULENCE (LOCP-INDEX)00012280	FORM-MCC OF TURBULENCE (LOOF-:NDEX).	INT-TRANS-DATE (LOOP-INDEX).	DCTB OF TURBULENCE (LOOP-INDEX).	D-O-ACT (LCCP-INSEX).		TOUR-CONT-FAC (LOOP-INDEX).	PCS-COST-CD (LOOP-INDEX).			LAST-DATE-DTCH TO LAST-DATE-DET (LOOP-INDEX).	GEO-LOC-CODE (LOOP-INDEX).	GEO-DCTB (LOOP-INDEX).		EXIT.			LOOP-INDEX - 1.	P-INDEX) TO TURBULENCE (LESS1).			
INPUT LISTING	:	COVE AREA-COUNT (11)	MOVE PRES-MCC-JP TO	NOVE FORM-MCC-UP TO	MOVE INT-TRANS-DT TO	MOVE DAT-CTB-JP TO	MOVE DO-ACTION-UP TO	PEASON - CODE	MOVE TOUR-FAC TO	MOVE P-CH-STA TO	. TRAINEE-FLAG	. REASON. FLAG	MOVE LAST-DATE-DTCH	MOVE GEO-LOC TO	MOVE GEO-DCT2-JP TO		TURBULENCE-UPDATE-END. E.		FORGET - TURB.	COMPUTE LESS1 = LO	MOVE TURBULENCE (LOOP-INDEX)	EJECT	•	MOS-UPDATE.
07/18/78 INPU	CARD NO	1527	1528	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545	1546		1547	1548

UPDATE SRS HISTORY	•	00012480	00012490	20 00012500	00012510	00012520	00012530	00012540	00012550	00012560	00012570	00012580	00012590	00012600	00012610	00012620	00012630	00012640	00012650	00012660	00012670	00012680	00012690	00012700
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	IF AREA-COUNT (12) > 19	THEN PERFORM FORGET-MOS VARYING LOOP-INDEX	FROM 2 BY 1 UNTIL LOOP-INDEX >	ADD 1 TO DROP-MOS-CTR	MOVE 19 TO AREA-COUNT (12).		MOVE AREA-COUNT (12) TO LOOP-INDEX.	IF PRIMARY-NOS (LOOP-INDEX) = PMGS GO TO MOS-UPDATE-END.	ADD 1 TO AREA-COUNT (12).	MOVE AREA-COUNT (12) TO LOOP-INDEX.	* LOOP-INDEX IS BEING USED HERE AS A TEMPORARY	* SUBSCRIPT VARIABLE.	MOVE PMOS TO PRIMARY-MOS (LOOP-INDEX).	MOVE DO-ACTION OF TRS-IN-REC TO MOS-DATE (LOOP-INDEX).	MOVE 1 TO STAT-USED-FLAG.	MOS-UPDATE-END. EXIT.		FORGET-MOS.	COMPUTE LESS1 = LOOP-INDEX - 1.	MOVE MOS (LOOP-INDEX) TO MOS (LESS1).	EJECT		STAT-ERR-MESS.
82781/10	CA DO NO	1549	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1560	1961	1 1562	1563	1564	1565	1566	1567	1568		1569	1570

UPDATE SRS HISTORY		00012710	00012720	00012730	00012740	00012750	00012760	00012770	00012750	000:2790	00012500	00012810	00012620	00012630	00012340	00012850	00012860	00012870	00012380	00012890	00012900	00012910	00012920	00012930
AUTOFLOW CHART SET - SRS UP				STAT	STEM' TO TOP-INFO	LINES AFTER ADVANCING	TO-NEW-PAGE	:1LE ' TO TOP-INFO	TOP-LINES AFTER	2 LINES	WITH' TO TOP-INFO	TOP-LINES AFTER	2 LINES	CORDS' TO TOP-INFO	LINES AFTER	2 LINES	S ' TO TOP-INFO	INES AFTER	2 LINES		TOP-LINES AFTER	2 LINES	DER-LINE	5 LINES.
AUTOFI	CONTENTS	1 TO ERR-STAT-CTR.	ERROR-INIT-STAT = ZERO	THEN MOVE I TO ERROR-INIT-STAT	STATISTICAL RETRIEVAL SYSTEM'	ERR-OUT-ST-REC FROM TOR-LINES		. UPDATING SRS HISTORY FILE .	ERR-OUT-ST-REC FROM TOP-		TRANSACTION FILE RECORDS WITH	ERR-OUT-ST-REC FROM TOP-		" NO MATCHING HISTORY RECORDS	ERR-OUT-ST-REC FROM TOP-LINES		OR EDIT TEST FAILURES	ERR-OUT-ST-REC FROM TOP-LINES AFTER		DATE-LINE TO TOP-INFO	ERR-OUT-ST-REC FROM TOP-		ERR-OUT-ST-REC FROM HEADER-LINE	AFTER
INPUT LISTING	:	ADO	J F E	-	RIOVE	WRITE		MOVE	WRITE		MOVE	WRITE		MOVE	WRITE		MOVE	WRITE		MOVE	WRITE		WRITE	
87/18/78	CARD NO	1571	1572	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582	1583	1584	1585	1586	1587	1588	1589	1590	1591	1592	1593

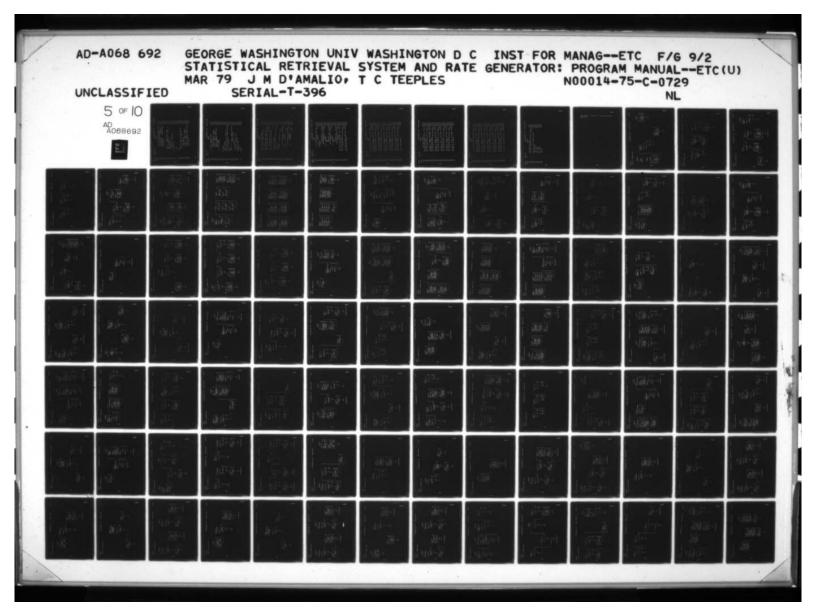
87/18/78	INPUT LISTING	AUTOFLOW CHART SET - SRS UF	UPDATE SRS HISTORY
CARD NO	:	CONTENTS	:
1554	MOVE	L-NAME OF TRS-IN-REC TO D-L-NAME.	00012940
1595	MOVE	MID OF TRS-IN-REC TO D-L-MID.	00012950
1596	MOVE	TCC OF TRS-IN-REC TO D-L-TCC.	00012950
1597	MOVE	TTC OF TRS-IN-REC TO D-L-TTC.	00012970
1558	KOVE	UD-REC-ST TO D-L-RECSTAT.	00012980
1399	NOVE	DO-ACTION OF TRS-IN-REC 10 D.L.DACT.	00012390
1600	MOVE	ERR-CODE TO D-L-ERR-CODE.	00013000
1601	WRITE	ERR-OUT-ST-REC FROM DETAIL-LINE	00013010
1602		AFTER 1 LINES.	. 00013620
1603	MOVE	ERR-LET TO DUP-ERR-LET.	00013030
1604	MOVE	ERR-NUM TO DUP-ERR-NUM:	00013040
1605	MOVE	DUP-ERR-CODE TO KC-CYC-NO OF TRS-IN-REC.	00013050
1606	WRITE	WRITE TRS-ERR-REC FROM TRS-IN-REC.	00013060
1607	STAT-ERR-	STAT-ERR-MESS-END. EXIT.	00013070
1608	•		00013030
	EJECT		00013090
1609	•		00013100
1610	RAMS-ERR-MESS.	MESS.	00013110
1611	1F E	ERROR-INIT-RAMS = ZERO	00013120
1612	-	THEN MOVE 1 TO ERROR-INIT-RAMS	60013130
1613	MOVE	'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO	00013140
1614	WRITE	WRITE ERR-OUT-RAMS-REC FROM TOP-LINES AFTER	00013150
1615	4	ADVANCING TO-NEW-PAGE	00013160

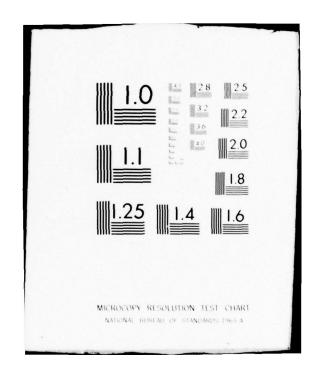
UPDATE SAS HISTORY	***	00013170	00013180	06013190	00012260	00013210	00013220	00013230	00013240	.00013250	00013260	00013270	00013250	00013290	00013200	00013310	00013320	00013330	00013340	00013350	00013360	00013370	00013380	00013390
AUTOFLOW CHART SET - SRS	CONTENTS	CUPDATING SRS HISTORY FILE ' TO TOP-INFO	ERR-OUT-RAMS-REC FROM TOP-LINES AFTER	LINES	'RAMS HISTORY FILE RECORDS WITH' TO TOP-INFO	ERR-OUT-RAMS-REC FROM TOP-LINES AFTER	117.55	'NO MATCHING HISTORY RECORDS' TO TOP-INFO	ERR-OUT-RAMS-REC FROM TOP-LINES AFTER	LINES	DATE-LINE TO TOP-INFO	ERR-OUT-RAMS-REC FROM TOP-LINES AFTER	LIRES	ERR-OUT-RAMS-REC FROM HEADER-LINE-RAMS AFTER	LINES.	IF IN-RAMS-CTR > 500 GO TO RAMS-ERR-MESS-END.	L-NAME OF RAMS-REC TO RD-L-NAME.	MID OF RAMS-REC TO RO-L-MID.	PRES-MCC OF RAMS-REC TO RD-L-MCC.	CUR-SORS-ENT OF RAMS-REC TO RO-L-SOE.	AFAD-BD OF RAMS-REC TO RD-L-CADBD.	ERR-CODE TO RD-L-ERR-CODE.	ERR-OUT-RAMS-REC FROM DETAIL-LINE-RAMS AFTER	LINES:
INPUT LISTING		MOVE	WRITE	2	MOVE	WRITE	2	MOVE	WRITE	6	MOVE	WRITE	2	WRITE	co.	NI JI	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	WRITE	2
07/18/78	CARD NO	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638

UPDATE SRS HISTORY		00013400	00013410	00013420	00013430	00013440	00013450	00013460	00013470	00013480	00013490	00013500	00013510	00013520	00013530	00013540	00013550	00013560	00013570	00013580	00013590	00013600	00013610	00013620
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	MOVE SPACES TO ERR-CODE.	RAMIS-ERR-MESS-END. EXIT.		EJECT		RAL'S-UPD-CHK.	ADD 1 TO RAMS-MATCH-CTR.	IF RAMS-NEED-FLAG = '1' GO TO RAMS-UPD-CHK-END.		ALL-UPD.	IF (SEP-DATE NOT . SPACES) AND	(SEP-DATE NOT & ZEROS)	THEN MOVE SEP-DATE TO GRAD-SEP-DATE	MOVE '1' TO GRAD-SEP-FLAG	MOVE '1' TO RAMS-NEED-FLAG.	IF (GRAD-TRANS-DATE "OT = SPACES) AND	(GRAD-TRANS-DATE 1:0T = ZEROS)	THEN HOVE GRAD-TRANS-DATE TO GRAD-SEP-DATE	MOVE '2' TO GRAD-SEP-FLAG	MOVE '1' TO RAMS-NEED-FLAG.	MOVE MCC-ENLIST-AT TO MCC-ENLISTED.	MOVE CIV-ED-YRS OF RAMS-REC TO YEARS-ED OF CIV-ED-ENTRY.	MOVE CIV-ED-LVL OF RAMS-REC TO DEGREE OF CIV-ED-ENTRY.
81/181/10	CARD NO	1639	1640	1641		1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658	1659	1660

87/18/78	INPUT LISTING	AUTOFLOW CHART SET - SRS	CPDATE SAS HISTORY
CARD NO	:	CONTENTS	::
1661		MOVE CIV-ED-ENTRY TO CIV-ED-CURR.	00013630
1662		MOVE AFAD-BD OF RAMS-REC TO CCHORT-WORK.	00013540
1663		MOVE YYMM TO COHORT-DATE.	00013850
1664		MOVE DUTY-LMT OF RAMS-REC TO WORK-DUTY-LIMIT.	00013650
1665		MOVE DUTY-LIMIT-CODE TO DUTY-LIMIT-ENTRY.	00013670
1566			00013680
1667		MOVE SPACES TO SCORES.	00013690
1668		MOVE AFQT-AQT-FRM OF RAMS-REC. TO AFEE-FORM-NUMBER.	00013700
1669		IF (AFEES-C-GT OF RAMS-REC = 'OGO' OR > 'OOO') AND	00013710
1670		(AFEES-C-GT JF RAMS-REC < '200')	00013720
1671		THEN MOVE AFEES-C-CO OF RAMS-REC TO AFEES-C-CO OF AFEES	00012720
1672		MOVE AFEES-C-FA OF RAMS-REC TO AFEES-C-FA OF AFEES	00013740
1673		MOVE AFEES-C-EL OF RAMS-REC TO AFEES-C-EL OF AFEES	00013750
1674		MOVE AFEES-C-OF OF RAMS-REC TO AFEES-C-OF OF AFEES	00013760
1675		MOVE AFEES-C-GM OF RAMS-REC TO AFEES-C-GM OF AFEES	00013770
1676		MOVE AFEES-C-MM OF RAMS-REC TO AFEES-C-MM OF AFEES	00013780
1677		MOVE AFEES-C-CL OF RAMS-REC TO AFEES-C-CL OF AFEES	00013790
1678		MOVE AFEES-C-ST OF RAMS-REC TO AFEES-C-ST OF AFEES	00013800
1679		MOVE AFEES-C-GT OF RAMS-REC TO AFEES-C-GT OF AFEES	00013810
1680		MOVE AFEES-C-SC OF RAMS-REC TO AFEES-C-SC OF AFEES	00013820
1661		ELSE NEXT SENTEP.CE.	00013830
1682		MOVE AFQT-AOT-SCO	00013840
1683		OF RAMS-REC	00013850

AUTOFLOW CHART SET - SRS UPDATE SRS HISTORY	ENTS	AFEE-MNTL-GP-SCORE.	00013870	00013380	AFEE-TEST-FLAG. 00013690	00013900	0.0013510	C TO EDPT OF SCORES. 00013920	06013930	00013540	00013920	00013560	C = '000' OR > '000', AND 00013970	C < '200') 00013950	08601000	MOVE DEPOT-C-CO OF RAMS-REC TO DEPOT-C-CO OF DEPOT - CO014000	RAMS-REC TO DEPOT-C-FA OF DEPOT 00014010	RAMS-REC TO DEPOT-C-EL OF DEPOT CO014020	MOVE DEPOT-C-OF OF RAMS-REC TO DEPOT-C-OF OF DEPOT 00014030	MOVE DEPOT-C-GM OF RAMS-REC TO DEPOT-C-GM OF DEPOT 00014040	DEPOT-C-MM OF RAMS-REC TO DEPOT-C-MM OF DEPOT 00014050	DEPOT-C-CL OF RAMS-REC TO DEPOT-C-CL OF DEPOT C0014560	MOVE DEPOT-C-ST OF RAMS-REC TO DEPOT-C-ST OF DEPOT 00014070	MOVE DEPOT-C-GT OF RAMS-REC TO DEPOT-C-GT OF DEPOT 00014080
•	CONTENTS	TO AFEE-	ורפ	OF RAMS-REC	TO AFEE-		TYPING-SCORE TO TYPING.	EDPT-SCORE OF RAMS-REC	LAN-APT-SCO TO ALAT.				IF (DEPOT-C-GT OF RAMS-REC	(DEPOT-C-GT OF RAMS-REC		VE DEPOT-C-CO OF RA	DEPOT-C-FA OF	DEPOT-C-EL OF	AE DEPOT-C-OF OF RA	VE DEPOT-C-GM OF RA	JE DEPOT-C-MM OF RA	VE DEPOT-C-CL OF RA	JE DEPOT-C-ST OF RA	VE DEPOT-C-GT OF RA
INPUT LISTING	:		MOVE AQT-FLG			•	LOVE TYPIN	MOVE EDPT-	MOVE LAN-			DEP-UPD.	1F (DEF	(DE	THEN	VOIS	MOVE	MOVE	WON	NOW	MOVE	MOVE	MON	MOV
82781/10	CARD NO	1684	1685	1686	1687	1688	1669	1690	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706





81/18/18	INPUT LISTING AUTOFLOW CHART SET - SRS UP	UPDATE SRS HISTORY
CARD NO	CONTENTS	:
1707	MOVE DEPOT-C-SC OF RAMS-REC TO DEPOT-C-SC OF DEPOT	06011000
1708	MOVE GT-GCT-SCO OF RAMS-REC TO DEPOT-GT-GCT	00014100
1709	MOVE DEP-ASVAB-DATE TO DEPOT-TEST-DATE	00014110
1710	MOVE DEP. ASVAB. FORM TO DEPOT-FORM-NUMBER	00014120
1711	ELSE NEXT SENTERICE.	00014130
1712	*	00014140
1713	COMPUTE YY-W = AFADBD OF FIXED / 10000.	00014150
1714	COMPUTE NM-W = (AFADBD OF FIXED . YY-W * 10000) / 100.	00014160
1715	PERFORM DURATION-CALC.	00011170
1716	IF DURATION-MONTHS > 18	00012180
1717	THEN MOVE '1' TO RAMS-NEED FLAG.	00014190
1718	RAMS-UPD-CHK-END. EXIT.	00014200
1719		00014210
	EJECT	00014220
1720		00014250
1721	SRS-OUT.	00014240
1722	PERFORM REC-LENCOMPUTE THRU REC-LEN-COMPUTE-END.	00014250
1723	CALL 'WRITER' USING FIXED. SCORES.	00014260
1724	MILITARY-EDUCATION (1).	00014270
1725	ENLISTMENT (1), EXTENSION (1), GRADES (1),	00014280
1726	UA-SHORT (1), UA-LONG (1), DESERTION (1).	00011290
1727	TRANSFERS (1), TURBULENCE (1), MOS (1), BONUS (1), 00014300	00014300
1728	SPARE14. SPARE15.	00014310

AUTOFLOW CHART SET - SRS UPDATE SRS HISTORY	CONTENTS	JOB ROUTINE ENTEREC'.	OF DUPLICATE HISTORY RECORDS =', 00014560	07351000	RETRIEVAL SYSTEM' TO TOP-INFO. 00014580	REC FROM TOP-LINES AFTER ADVANCING 00014590	TO-NEW-FAGE, 00014600	SRS HISTORY FILE ' TO TOP-INFO. CCC14510	REC FROM TOP-LINES AFTER 00014622	2 LINES, 00014630	TO TOP-INFO. 00012640	REC FROM TOP-LINES AFTER ADVANCING 00014850	2 LINES, 0001-060	00011670	NORMAL END OF JOB ' TO COOLLERD	TOP-INFO 00014690	EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00014700	ADVANCING 5 LINES 00014710	** ABNORMAL END ***	TOP-INFO 00014730	EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00014740	ADVANCING 5 LINES 00014750	** SEQUENCE ERROR ** . TO 00014760	TOP-INFO 00014770
07/18/78 INPUT LISTING	CARD NO	1751 DISPLAY 'END	1752 DISPLAY ' NURBER	1753 DUP-CTR.	1754 MOVE 'STATISTICAL	1755 WRITE EOU-DISPLAY-REC	1756	1757 MOVE ' UPDATING	1758 ARITE EOJ-DISPLAY-REC	1759	1760 KOVE DATE-LINE	1751 WRITE EOJ-DISPLAY-REC	1762	1763 IF ABEND-SWITCH	1764 THEN NOVE	1765	1766 WRITE	1767	1768 ELSE MOVE	1769	1770 WRITE	1771	1772 MOVE	1773

INPUT LISTING AUTOFLOW CHART SET - SRS UPDATE SRS HESTORY	CONTENTS	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00014780	ADVANCING 3 LINES 000:4790	IF ABEND-SWITCH = 3	THE. MOVE C0014513	SRS HISTORY FILE ' TO TOP-INFO DOG14820	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 0501-839	ADVANCING 3 LINES 00012840	ELSE IF ABEND-SWITCH = 2 00014850	MOVE 00014860	** RAMS HISTORY FILE ** ' TO TOP-INFO 00014870	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER OCO14280	ADVANCING 3 LINES 0001439C	ELSE IF ABEND-SWITCH # 1 00014900	MOVE 00014910	TRANSACTION FILE TO TOP-INFO 00014920	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00014930	ADVANCING 3 LINES. 00014940	MOVE 'NUMBER OF SRS HISTORY RECORDS INPUT' TO LOW-INFO. GOO! 4350	MOVE IN-HIST-CTR TO LOW-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00014970	5 LINES. 00014580	MOVE 'NUMBER OF SRS HISTORY RECORDS OUTPUT' TO LOW-INFO.00014990	MOVE OUT-HIST-CTR TO LOW-NUM. 00015000	
62/18/70	CARD NO	1774	1775	1776	1777	1778	6771	1780	1781	1782	1783	1784	1785	984 375	1 1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	

INPUT LISTING UPDATE SES UPDATE SES UPDATE SES HISTORY	CONTENTS	WRITE EQU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015010	2 LINES, 00015020	MOVE 'NUMBER OF RAMS HISTORY RECORDS READ ' TO LOW-INFO. DODIEGGO	MOVE IN-RAMS-CTR TO LOW-NUM.	WRITE EQU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING OCCISUSO	2 LINES, 000:5060	MOVE 'NUMBER OF RAMS HISTORY RECORDS MATCHED ' TO LOW-INFO.00015070	MOVE RAMS-WATCH-CTR TO LOW-NUM.	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015090	2 LINES. 00015100	MOVE 'NUMBER OF TRAMSACTION ' RECORDS READ ' TO LOW-INFO. COONSTIO	MOVE IN-STAT-CTR TO LOW-NUM.	WRITE EOU. DISPLAY-REC FROM LOW-LINES AFTER ADVANCING COOTSTSO	2 LIMES, 000:5:40	MOVE 'NUMBER OF TRANSACTION ERROR RECORDS ' TO LOW-INFO.00015150	120VE ERR-STAT-CTR TO LOW-NUM.	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING COOTSTO	2 LINES, 00015180	MOVE 'TOTAL LENGTH OF SRS HISTORY FILE IS' TO LOW-INFO.00015190	MOVE REC-LEN-TOTAL TO LOW-NUM.	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015210	5 LINES. 00015220	
97/18/78	CA 20 40	1797	1798	1799	1800	1901	1803	1803	1604	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	

O/81/10	INPUT LISTING		AUTOFLOW CHART SET	- SRS UPDATE SRS HISTORY
CARD NO	:		CONTENTS	:
1820		REC-LEN-TOTAL	REC-LEN-TOTAL / OUT-HIST-CTR.	00015240
1821	OW	MOVE 'AVERAGE LENGTH OF A HISTORY		RECORD IS ' TO LOW-IN-FO. COU1525C
1822	OW	MOVE AVG-REC-LEN TO	LOW-NUM.	09015260
1823	W.R.	WRITE EGJ-DISPLAY-REC	EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING	ADVANCING 00015270
1824				2 LINES. 00015280
1625	MON	MOVE 'NUMBER OF ENLI	ENLISTMENT FIELDS DROPPED ' TO LCW-IN-FO.00015290	. TO LCW-INFO.00015290
1826	MON	MOVE DROF-ENL-CTR TO	LOW-NUM.	00015300
1827	E S	WRITE EOJ-DISPLAY-REC	FROM LOW-LINES AFTER	ADVANCING COC15310
1828				2 LINES. C0015329
1829	MON	MOVE 'NUMEER OF EXTE	EXTENSION FIELDS DROPPED ' TO LOW-INFO.00012330	' TO LOW-INFO.00015330
1830	MON	MOVE CROP-EXT-CIR TO	LOW-NUM.	00015340
1831	N. N.	WRITE EOJ-DISPLAY-REC	FROM LOW-LINES AFTER	ADVANCING 00015350
1832				2 LINES. 00015560
1833	MON	MOVE 'NUMBER OF GRADE	FIELDS	DROPPED ' TO LOW-INFO.00015370
1834	MON	MOVE DROP-GRD-CTR TO	TO LOW-NUM.	00015380
1835	WR	WRITE EOJ-DISPLAY-REC	FROM LOW-LINES AFTER	ADVANCING 00015390
1836				2 LINES. 03015400
1837	MON	MOVE 'NUMBER OF UA	SHORT FIELDS DROPPED ' TO LOW-INFO.00015410	70 LOW-INFO.00015410
1838	MON	MOVE DROP-UAS-CTR TO	LOW-NUM.	00015420
1639	CZ 3	WRITE EOJ-DISPLAY-REC	FROM LOW-LINES AFTER	ADVANCING 00015430
1840				2 LINES. 00015440
1841	WO	MOVE 'NUMBER OF UA	LONG FIELDS DROPPED	DROPPED ' TO LOW-INFO.000:5450
1842	MOVE	VE DROP-UAL-CTR TO	LOW-NUM.	00015460

INPUT LISTING AUTOFLOW CHART SET - SRS UPDATE SRS HISTORY	CONTENTS	WRITE EGU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015470	2 LINES, 00015460	MOVE 'NUMBER OF DESERTION FIELDS DROPPED ' TO LOW-INFO.00013490	MOVE DROF-DES-CIR TO LOW-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015510	2 LINES. C0015520	MOVE 'NUMBER OF TRANSFERS FIELDS DROPPED ' TO LOW-INFO,03015530	MOVE DROF-TRN-CTR TO LOW-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00018550	2 LINES. 00015560	MOVE 'NUMBER OF TURBULENCE FIELDS DROPPED ' TO LOW-IN-0.00015570	MOVE DROF-TUR-CIR TO LOW-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015550	2 LINES. 00015500	MOVE 'NUMBER OF MOS FIELDS DROPPED ' TO LOW-INFO, 00015610	MOVE DROP-MOS-CTR TO LOW-NUM.	MRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING CODIS630	2 LINES, 00015640	MOVE 'MUMBER OF BOYUS FIELDS DROPPED ' TO LOW-INFO.00015650	MOVE DROP-BON-CTR TO LOW-NUM.	WRITE ECU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015670	2 LINES, CO015680	MOVE 'NUMBER OF ARCHIVE RECORDS WRITTEN ' TO LOW-INFO.00015690	
97/18/78	CARD NO	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	9581 378	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	

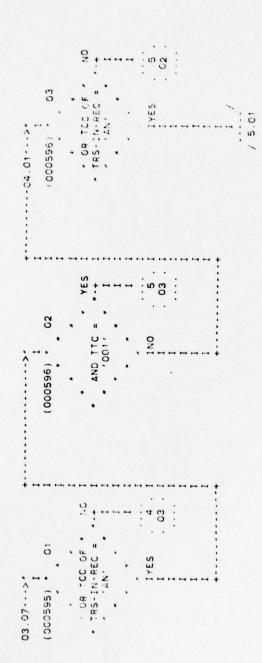
82781/10	INPUT LISTING		AUTOFLOW CHART SET - SRS UPDATE SRS	UPDATE SES HISTORY
CARD NO	i		CONTENTS	
1866	1	OVE	MOVE ARCHIVE-CTR TO LOW-NUM.	200
1867	•	RITE	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015713	0110
1868			2 LINES, G0015720	720
1869	U	3507	CLOSE RAWS-IN, TRS-IN, EOJ-DISPLAY, ERR-OUT-ST. 000:5720	1730
1870		3501	CLOSE EAR-OUT-RAMS. 00015740	1740
1871	v	105E	CLOSE TRS-ERR. 00015750	750
1872	o	ALL	CALL 'CLOSER'. 60015750	1760
1873	J	ALL	CALL 'CLOSCH'. 00015770	0770
1874	o	ALL	CALL 'CLOSRK'. GOOTS7E0	750
1875	•	STOP RUN.	JN. 00015790	0621

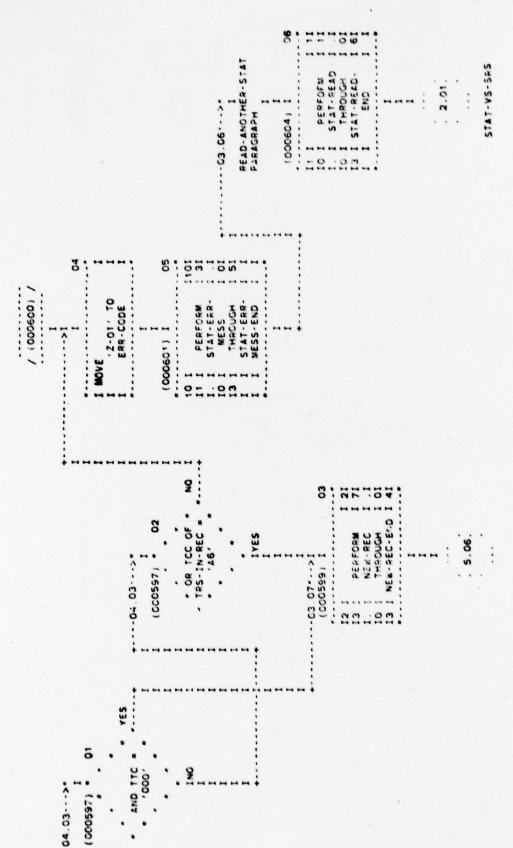
3.10.4 Flowchart. The following chart is an AUTOFLOW charting of the SRSUPDT logic:

2.01.

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STAT-VS-SRS PARAGRAPH	(000582) · 02	(000585) . 04	
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	CHART TITLE - PROCEDURE DIVISION
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91/18/10	CHART

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STAT-END-CHECK

/ (000252) /	5147 END - CHECK FLRAGRAPH (000693) I 07	/ DISPLAY / STAT-END / FRED OF / TRS-IN-REC /		/12.03	
	•		STAT-READ-END PARAGRAPH	1 06 3000) I 1 06 I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PERFORM EXIT
	(CCO666) I 03	(0006E7) I 04		(000688) 1 05 WOVE	
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/ (000100) /	06.04>*	RAMS-READ PARAGRAPH	(000701) 1 05	, , , , , , , , , , , , , , , , , , , ,		I / READ /	,		•••	 000701)		\$34 .				INO 14.	. 10	0.074.581.4		 / 1		
				(000697)		I MOVE I HIGH-VALUES TO			•••	* * *	.11.06.		* * * *	STAT-READ-END								
	11.07>	(000694) 03		960 s			IYES			1	•											
				,	(000694) - 01		-AND MID OF - NO	* RAMS-REC #		 			•		(000696) I 02	11	I PERFORM I 4	1 END-06-00B 1	11.1	 		.12.05.

RAMS - END - CHECK

		PARS-RELD-END PARGRAPH 1 (000711) 1	PERFORM EXIT
1 (000707) I 04	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MOVE I MID OF RAMS-PEC I I TO OLD-RAMS-MID I I ADD I TO IN-RAMS-CTR I I TO IN-RAMS-CTR I	
1 (000705) 02 . OLD OLD NO	RANS REC I	(000706) I 03	1 2 TO AREND-SWITCH I
(000702) 011	. #10 = #10 OF I	I RAMS-RELD I	

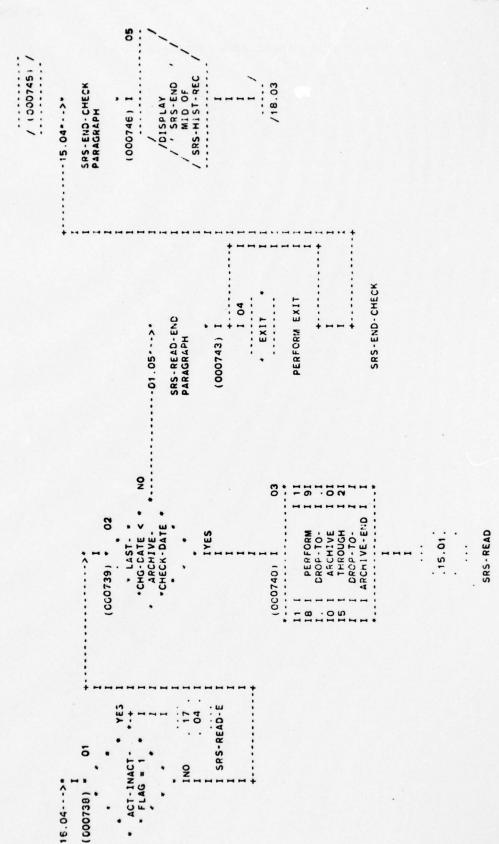
/ (000713) /

																								1
		(000718) 1 05	5000	I HIGH-VALUES TO I	MID OF RAVS				•		.13.06.				RAMS - READ - END									
.<10.41	-MID OF - NO - NO	REC = GH-VALU			17.55			•••		. *														
			(000715) . 02		I NO NID OF . NO I	. TRS . IN . REC =	. HIGH- VALUES - I			1YES . 14 . +.	1 . 05 .	• • • • • • • • • • • • • • • • • • • •	• • •	•	1 12 12 13 13	 11 1 1121	1 PERFORM	I END-0F-00B I	11 1 111	• • • • • • • • • • • • • • • • • • • •	•	•		
 12.06>•	X O	(500714) 1 01	×3 198167	/ . 84MS-END . /	/MID OF RAMS - REC/	, ,		•		/ !		/ 14.04												

SRS-READ

	. 0LD-HIST	
	(000729) 04 (000729) 04 (000729) 04 (100 17	
	(000723) 1 02 1 1 1 1 1 1 1 1 1	
/ (000721) /	01.05>- SRS-READ PARGRAPH [000722]	

		• * * * * * * * * * * * * * * * * * * *	I (000735) I 03		1111 1121	1 5	. 1 END-0F-U08 I	10			1 1	[I (000736) I 04	· · · · · · · · · · · · · · · · · · ·	I I MID OF I		OLD-HIST-WID	ADD	, I	1 1	I	1 1	1 1 /		/17 01
 / (000733) /	 •	15.05>1		. 61		-070	131	MID	RS-HIST	· 538 ·		***	1765			1	1	(000734) 1 02	 I MOVE I	I 3 TO ABEND-SKITCH I	***************************************		ı	***************************************	



.18.05.

19.01

07/18/78

- 398 -

STAT - REC - ANALYSIS

CHART TITLE - PROCEDURE DIVISION

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SCHIVE-EN	1 02	EXIT		.20.02.
17.03*3 RCP-TO-AF ARAGRAPH		PERFORM		

- 399 -

	000769) 105 NO 100 = 784	IYES	12 1 1 1 1 1 2 1 1 3 1 1 3 1 1 1 1 1 1 1
	(000767)	1 YES	IS I PERFORM 141 IS I ENLISTMENT. 1 IO I UPDATE 101 I THROUGH 121 I UPDATE-END 1 1 I UPDATE-END 1 1 I UPDATE-END 1 1 I UPDATE-END 1 1
/ (000764) / 02.05>> STAT-REC-ANALYSIS PARLGRAPH	(000765) 1 02 1		PERFORM I 31 DESERTION I 51 UPDATE I 01 I HROUGH I 21 DESERTION I I UPDATE END I I I I I I I I I I I I I I I I I I I

20.05--->1

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	· -	(000775) · 05			****** , NN . 351 .		•	•	1765	•				(000776) 1 06			18 1 PEPFORK : 11			I THROUGH I		, I I UPDATE-END 1 I	••••••••••••••••••			***	 .23.02.	***
	· -	(000773) · 03 I	•	9	· FIRST-LETTER *****	0			IYES					(000774) 1 04			10 : PERFORM 1 71		O I UPLATE I	I THROUGH I	I GPADE. I	I I UPDATE-END I I			-	* * * * * * * * * * * * * * * * * * * *	 .23.02.	 ***
5	\$. FIRST-LETTER	. ,			1764					(000772) 1 02	 13 1 1 41	16 1 PERFORM 1 6:	I EMLISTMENT - I	I UPDATE I	11 I THROUGH 1 2:	I I ENLISTMENT. I I	I I UPDATE-END I I						23 02				

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/ (000789) /	I NEW-REC PARLGRAPH	1 (000789) 1	I I MOVE I SRS-HIST-PEC TO I I TEMP-SRS-REC I	I I SPACES TO I		I (000791) I 04	I I LOOP-INDEX TO 1 I		I /24.01
/ (300785) /	22.03>1 01	I WOVE I (2-02' TO I ERR-CODE I	1 1	STAT-REC-ANALYSIS-END	I (000786)	1 02 1	* EXIT * I	PERFORM EXIT	

NEW-REC

- 403 -

	90 1 12620001	 I BACK I	I SEX OF TRS-11-8EC I		I SRS-HIST-REC I	I MOVE I	I ETHNIC I	I I TRS-IN-REC TO I	1 I ETHILC-GROUP OF 1	I SRS-HIST-REC I	• • • • • • • • • • • • • • • • • • • •			1 (56000) 1		HOUSE STATE OF				I NOVE I	I HOWE-CITY OF I	I TRS-IN-REC TO I	I HOME-COUNTY OF I	I SRS-HIST-REC I	• • • • • • • • • • • • • • • • • • • •	1	1		1 /	
/ (000793) /	24.01>1	I NOV I	I MID OF TRS-IN-REC I	1 10 WID OF 1	I SRS-HIST-REC I	I MOVE I	I L-NAWE OF I	I TRS-IN-REC TO I	I NAME OF I	I SRS-HIST-REC I	*******************	1	I	(000795) I 05		I MOVE	1 07 030 MI 201	I OF STATES OF I	I SRS-HIST-REC I	I MOVE I	I PACE OF I	I TRS-IN-REC TO I	I RACE OF I	I SRS-HIST-REC I	***************************************			***********		
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/ 118020) /	95	• • • • • • • • • • • • • • • • • • • •	I BOVE I	I NO-CEP FO I	I NUM DES-ESTRY OF I	1 1 SRS-HIST-REC 1	I NUM-CEP-CUR: OF I	I SES-HIST-REC I	• · · · · · · · · · · · · · · · · · · ·		14	1 (000813) 1 07		I I MOVE I	1 10 PROG-EML-FOR OF 1	I I TAS-IN-REC TO I	1 1 PROG-ENL-FOR OF 1	I SRS-HIST-REC I	I : MOVE I	1 1 005 CF 1	I I TRS-IN-4EC TO I	I I BILLET-WGS OF I	I SAS-HIST-RED I	• • • • • • • • • • • • • • • • • • • •			-	' ' ' ' ' ' '		1 /26.01	-	-
						-	(000808) . C4			. NO-CEP OF . NO	. TRS-IN-REC >			•		IYES	-		-		-	50 1 (608000)	•••••••••••••••••••••••••••••••••••••••	I MOVE 1	1 979 1	I NUM - DEP - ENTRY OF I	I SRS-HIST-REC I	I NUM-DEP-CURR OF 1	I SAS-HIST-REC I	•••••••••••••••••	-	
	(CCOBOS) 1 03		3004	C11 - ST OF I	TRS-IN-REC TO I +	CITIZETSHIP OF I I	SRS-H.ST-REC I I	KOVE 1 I	MARITAL-STAT OF I I	TRS-IN-REC TO I I	ARITAL - STATUS OF I I	SRS-HIST-REC 1 1	1	I	I	*																
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25.07>*			
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I I BYON	I SOURCE OF - ENTRY I	I I MOVE I	I FMCC (1) I
I I 01 ,1.	I (1) I	I PRES-GRD OF I	I MOVE I
ACT-INACT-FLAG I I	I SVOW I	I TRS-IN-REC TO I	I I PRES-MCC OF I
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12, 10 1 1	I TRS-IN-REC TO I	I I MOVE I	I I PMCC (1) I
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MOVE	*****************	I TRS-IN-REC TO I	I I PRES-RUC OF I
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/ (900844) /	24.02*>*	PAREGRAPH PAREGRAPH	•	(000845) I 05	I MOVE	I ZERO TO I	I (LCOP-INDEX) I	• • • • • • • • • • • • • • • • • • • •		24.02>1	**************************************	I 90 I		EXIT . I			PERFORM EXIT	•						DESERTION-UPCATE	
	·-·			4 1-4				-	-	1	I NEW-REC-END PARAGRAPH I	I I I	1 1	I (000842) I I	I +	1 04 1			I I	I PERFORM EXIT I I	I +	1	+	ZERO-AREA-COUNT	
	(000833) I 02	I MOVE	4	I WOVE	I 1 TO AREA-COUNT I	I MOVE	I (4) I	I MOVE I	4	1 (9)			(000837) I 03	***************************************		I 1 TO AREA-COUNT I	I (0:) I	I 1 TO AREA-COUNT I	I (12) I	I MOVE I	************		******	•	
	26.05>* (000630) I 01 I	MOVE	DAT-CTB OF	BEGIN-DATE (1) : I	I MOVE I I I	TRS-IN-REC TO I I	MOVE I I I I I I I I	I DO-ACTION OF I I	I TRS-IN-REC TO I I	I MOS-DATE (1) I I		•••	+												

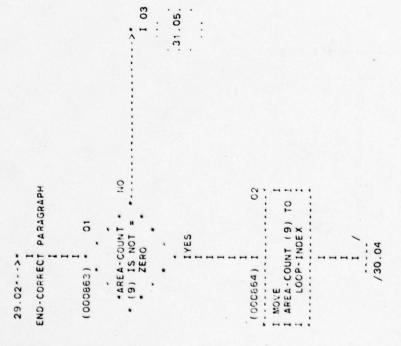
/ (000848) /

	(000850) I NOTE 02	1 (000852) 1 04	
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	(LOOP-INDEX)	17ES 30 .	(000861) 05 SUBTRACT 1 FROM DREA COUNT 1	/30.01
CORRECT-UA-LONG	(000858) . 02	. AREA-COUNT+ I . (8) = ZERO ' I I I	INO 30 I	(000859) I 03 I I MOVE I AREA-COULT (8) TO I I LOOP-INDEX I LOOP-INDEX
28.05>1 28.05>1 01 11	1 1 10 DROP-DES-CTR ! ! I MOVE ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !			

- 409 -

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30.02.->-
(000865) 04
- FROM:
- DES-DATE NO
- (LOGP-INDEX) 11 05
- ZEROS
- IYES
- IYES
- INDEX
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DESERTION-UPDATE-END

/ (000885) /	32.02·>1 NOTE 04	' v z	* OF TRS-IN-REC .	(000885) C5	* SEE NOTE *-+ * ABOVE * I	IYES .33 .	I (000837) 1 06	I ERR-CODE I	.35.02.	DESERTION-UPDATE-END
/ (088000) /	28.01>	PARAGRAPH .	(000881) I 01		(000882) 02	* LOOP-INDEX = *-+ ZERO	IYES . 32 . I	I ERROCOLO I	.35.02.	DESERTION - UPDATE - END

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		(00089C) I NOTE 03	. TRS-IN-REC .	• TO-DES-DATE •	. (LOOP-INDEX) .		•	-	(000830) - 04	•	9	• SEE MOTE	· ABOVE ·			• •		-					***********								
																		(000893) 1 02		I MOVE I	I ZEROS TO I	I TO-DES-DATE I	I (LOOP-INDEX) I	I SUBTRACT I	I 1 FRCW AREA-COUNT I	I (6) I	•••••••••••••••••••••••••••••••••••••••			.35.01.	
/ (588000) /	32.05>1		 · FROM· •	. DES-DATE . NO	. (x	. * ZERO . I			IYES . 34 .	. 02 .	:				1/1		/33.03														

DESERTION - UPDATE - END

CHART TITLE - PROCEDURE DIVISION

			(000905) 1 04 I MOVE 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.35.02.	DESERTION - UPDATE - END
33.01	DO-ACTION OF TRS-IN-REC = FROM-DES-DATE (LOOP-INDEX)	0N . (006000)	ABOVE		
				(0000503) I 01 I WOVE I 2-05' TO I I ERR-CODE	

- 414 -

ENLISTMENT - UPDATE

UPDATE SRS HISTORY

CHART TITLE - PROCEDURE DIVISION

RTION-UPDATE-END GRAPH 1 0908) 1 1 02 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	28.06>1 (000912) I FERFORM EXIT	FORGET-DES PARAGRAPH 1000911) 1 COMPUTE 1 COMPUTE 1 LOOP-INDEX - 1 1 MOVE 1 LOOP-INDEX - 1 1 LOOP-INDEX - 1
(000907)	(D0090B)	

- 415 -

. 20.04>*		36.01>
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PAGA SABIA		. (916000)
	R-TYPE PARAGRAPH	
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٠.	•	* AREA-COUNT
10 . (616000)		. (4) > 19 .
•	(000980) . 02	•
1 53%		
* FIRST-LETTER *****		22
. ,8, " .	* AREA-COUNT	
	*(4) = ZERO * I	
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•	. 10 . 1	
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	46.02	

ENLISTMENT - UPDATE - END

ENLISTMENT-UPD4TE-END

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		(000924) 06	AREA-COUNT	IYES . 38 . I . 01 . I	I MOVE I ERR-CODE I I I I I I I I I I I I I I I I I I I	:
(000919) /		I. I XREF-FLAG. I.I. IO I CORRECTION I CI + IS I THROUGH I 6I I I I CORRECTION I I I I CORRECTION I I I I CORRECTION I I I	(000921) 1 05	I ADD I TO DEOP-ENL-CTR I I I MOVE I I I 19 TO AREA-COUNT I I I (4)		
•			- H H H H H H		(C00917) I 03 I INCREMENT I I I LOCP-INDEX BY 1 II I I	
36.05>*<	I (215000)	LOOP-INDEX > ***	0N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(000917) 1 02 4 1 PERFORM 1 4: 6 1 PERFORM 1 6: 1 FOKGET-ENL 1 :		

ENLISTMENT-UPDATE - END

	38.01>	A4.TYPE PARAGRAPH		(000934) 1 05	I ADD	1 1 10 A4EA-COUNT I	I MOVE	I AREA-COUNT (4) TO I	I LOOP-INDEX I	I MOVE I	I CUR-SORS-ENT OF I	I TRS-IN-REC TO I	I SOURCE-OF-ELTRY I	I (TOOD-INDEX) I	• • • • • • • • • • • • • • • • • • • •	 •	 	/39.01								
					 1 1000000	•			* TCC = 'AB'+					14.0		 י דער	(000930) 1 04		I MOVE I	I 'A-04' TO I	I ERR-CODE 1	******************************	 	•	. 46.02.	::
		(000928) 02	•		 			I . 68 . ONI	1 . 04 . 1		I AS-TYPE I	•	•													
/ (000327) /	 37.06>1	10	•	I 534 .	•	1 1		INO . 33 . I	1 . 60 . 1		1 341	•••														

/ (676000) /

CHART TITLE - PROCEDURE DIVISION

38.02>* 45-TYPE FARAGFAPH	600950 1 (000950)	I AREA-COUNT (4) TO I	, , , , , , , , , , , , , , , , , , , ,	/40.01			
	(000942) 1 02	I MOVE I COMP-CODE OF I	I COMPONENT-CODE I (LOCP-INDEX) I I MOVE I I	I ACT-INACT-FLAG I I MOVE I TO I STAT-USED-FLAG I	1 (000946) 1 03	I MOVE ZERO TO I I SEPARATION-DT I (LOOP-INDEX) I	.46.02.
38.55>* (000938) I 01	MQVE 1 DO-ACTION OF I TRS-IN-REC TO I +	MOVE INDEX, I I	LNG-ENLISTMENT I I (LOOP-INDEX) I I I	1			

ENLISTMENT-UPDATE-END

(000954) / (000954)	1 MOVE	I SEPARATION UT I (LOOP-INCEX) I I MOVE I TO I I I STAT-USED-FLAG I I	1 1
39.04>* (000951) I NOTE 01 (000951) I NOTE 01 (000951) I NOTE 01 (100P-INDEX) (1	69	I (CCO952) I 03 I I I I I NOVE I I ERR.CODE I I	I

ENLISTMENT-UPDATE-END

CHART TITLE . PROCEDURE DIVISION

/ (000962) /

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-	(000967) I 02 I	(000971) 1 03	
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-	I 80% I	I MOVE I	
	I DO-ACTION OF I I	1 COMP-CODE OF 1	
1 10 1 1 (000063)	I TRS-:N-REC TO I I	I TRS-IN-PEC TO I	
I	I DO-ENLISTMENT I I	I COMPONENT - CODE I	
I I I	I (LCOP INDEX) I I	I (LOOP-INDEX) I	
1 TO AREA-COUNT : I	I WOVE I I	I MOVE I	
(4) 1 1	I I SO TNE O- NET I	I 01,1, I	
NOVE	I TRS-IN-REC TO I I	I ACT-INACT-FLAG I	
AREA-COUNT (4) TO I	I LNG-ENLISTMENT I I	I MOVE I	
LOOP-INDEX I I	I (LOOP-INDEX) I I	I ZERO TO I	
MOVE	1	I SEPARATION-DT I	
CUR-SORS-ENT OF I I		I (LOCP-INDEX) I	
TRS-IN-REC TO I I	-	*************************	
SOURCE-OF-ENTRY I I	***********	1	
(LOOP-INDEX) I I			
I		(000975) 1 04	***************************************
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			. 46.02.

- 421 -

ENLISTMENT - UPDATE - END

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	;	(000986) . (04		. TCC = 'R3'+ +			1 02		I R1-R3-TYPE I		*************												
	* **	1 (50,000)	1 34	. TCC = 'R2' I	•	 I 1		1	I R2-R5-TYPE I		*********												
/ (000963) /	36.02>1 +	I ROVE	I AREA-COUNT (4) TO I I			(000984) • 02 I			1 4	•		INO . 43 . I		I 81-83-179E I			•						

42.02> R1-R3-TYPE PARAGRAPH (0C0552) I NJTE 02 T55-IN RC D0-ELIISTMENT (LC0P-INDEX) SEE NOTE R-04 TO I I I I I I I I I I I I I I I I I I	/ (601004) /	42.03>	1 (000995) I 04 R2.R5.TYPE PARLGRAPH	. I Book I	I DOD-SEP-CODE TO I (001005) I NOTE C6	•	I (LOOP-INDEX)	41,	NE-IND TO		 I I MOVE I I	I I DO-ACTION OF I I		I SEFARATION-DT I (001005) * 67	I (LOGP-INDEX) I	Su> -	THE SEE NOTE	(001000) 1 05 • ABOVE 1	 I MOVE I	INACT-FLAG I	I MOVE I SO	1 STAT-115E0. E. A. C. 1 . C. L. C. L. C. L. C. C. L. C.			1	 744.01	.46.02.		
V 1 . 0 1 . 0 .	/ (1660:20) /	42.02*>*	R1-R3-TYPE PARAGRAPH	•		•	• DO-ACTION OF •	* 16S-1M-REC *	· DO-ELLISTMENT ·	· (LOOP-INDEX)	 •		-			9	•	* ABOVE *	• • • • • • • • • • • • • • • • • • • •	IYES				*			2.		

43.07--->

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- 424 -

/ (001025) /	43.07 V - NORMAL-R-TYPE	(001027) 1 06	I DCD-SEP-CODU TO I SEPARATION-CD I (LOOP-INDEX) I MOVE I ROVE I REENL-IND TO I REENL-IND TO I	I (LOOP-19DEX) I I MOVE I I DO-ACTION OF I I TRS-IN-REC TO I	I SEPARATION-UT I (LOOP-INDEN. I	1 1 1 746.01	
		(001022) 1 04	I MOVE I I ERR-CODE I I 45.01>I	1 05	ENLISTMENT-UPDATE-END		
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/ (001034) /	37,02****	FORGET - ENL PAPAGRAPH	(001035)	I COMPUTE	- 1x3Cx1 -	MOVE IN THE PROPERTY IN THE PR		I (LESS1) I		(001036) 1	1 04	EXIT	1 1	PERFORM EXIT I I	*******	 *	DURATION-CALC	
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		(001030) 1	1 27 70	I MOVE 1 TO	I STAT USED FLAG													

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/ (001044) /

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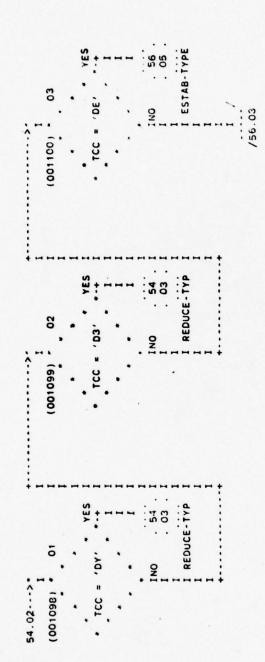
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51.06>- (001083) I NOTE 01	149 PRES-508 OF TRS-IN-860 =	DATE-OF-RANK (LESSI)	(00:083) · 02	 SEE NOTE *** ABOVE * 1	• • • •	IYES . 52	1 (C31067) 1 03	I ERR. CODE I	CN - HACAGO

•	53.02>- 1 (001095) 07	TM-60
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	PACHOTE-TYPE PARAGRAPH (CG1107) 03	GRADE - UPDATE - END
	52.07> (001092) 1 MOVE	

53.07>*			
(001036) 1 01 1	(001097) 02	54,02>	
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	GRADE-END-1 PARAGRAPH	(CO1140) I 03	I STAT-USED-FLAG I				
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/ (001166) /	TYPE-U9 PARAGRAPH	(001167) 1 04 I MOVE I AREA-COUNT (7) TO I I LOOP-INDEX	(001168) 05	LOOP-INDEX =			
				***	(CO1162) I 03	I (LOOP-INDEX) I NOVE I 1 TO I STAT-USED-FLAG	UA-SHORT-UPDATE-END
/ (001156) /	ADD 1	MOVE 1 TO DROP-UAS-CTR I MOVE 29 TO AREA-COUNT I (7)	58.03>I (001159) I 02 ADD 1 TO AREA-COUNT I	MOVE AREA-COUNT (7) TO I LOOP-INDEX	ACTION OF I	I I I I I I I I I I I I I I I I I I I	

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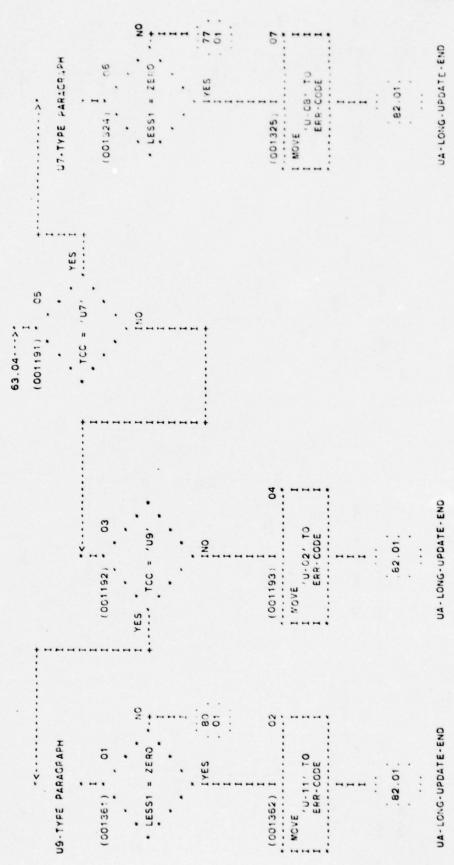
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À	188)	. YES	. 65	, 1 , 63.01	`.	TM-60
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1 (001189) 62.06--->*

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(001217) I I MOVE I 'Z-05' TO I ERR-CODE

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((301213) /	 66.01>1		. UA-FLAG . NO	* (LESS1) = '1' *-+	 · · · · · · ·	I I		1YES . 68 . I			1					

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UA-LONG-UPDATE-END

CHART TITLE - PROCEDURE DIVISION

	23)	I MOVE I FROM-UA-DATE I (LOOF-INDEX) I (LOOF-INDEX) I (LOOP-INDEX) I MOVE I TO UA-FLAG I STAT-USED-FLAG I STAT-USED-FLAG I STAT-USED-FLAG I STAT-USED-FLAG I O3	
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UA-LONG-UPDATE-END

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/ (001254) /	63.02>1	GO 10 DE 61 O 10 O	1 0N UGOTO 1	I US-2ERO 71.01 I	I US-TWO 73.01 I		• • •	1 /		10:17/																7
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						(001242) • 03		. UA-FLAG . NO	· (LESS1) NOT = *	• • • • • • • • • • • • • • • • • • • •	•	•	IYES		-		1	(001243) I 04		I I 67'70'U' I	I ERR-CODE I	***		******		
/ (001239) /	65.07>	U1-ONE PARAGRAPH		(001240) • 01		* LESS1 = ZERO ******			•	IYES		• ••	1	1	(001241) I 02	I HOW I	1 ,0-06, 10	I ERR-CODE I		•			70.06		::	

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CHART TITLE - PROCEDURE DIVISION

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70.07-->-
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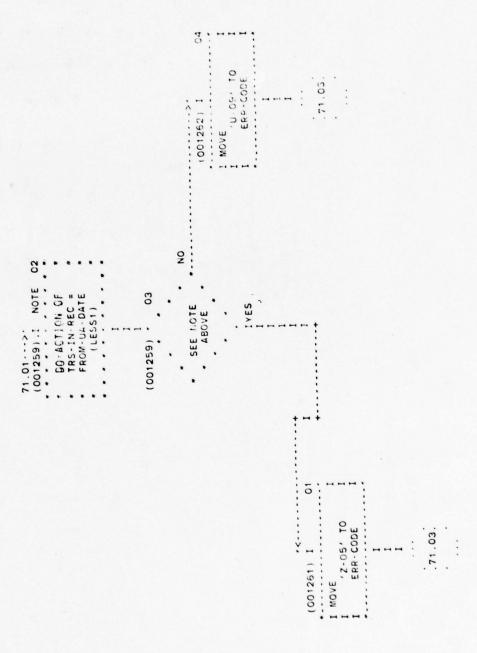
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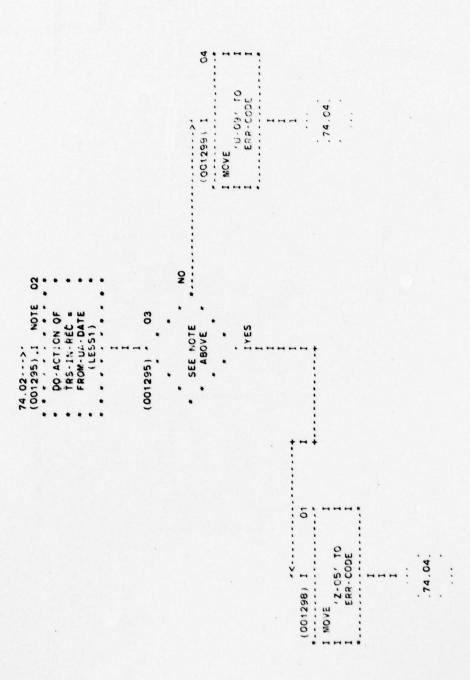
/ (001277) /	70.07>	US-ONE PARAGRAPH	(001278) ' 05	* UA-FLAG * NO	.2, (001280) 1 07	I MOVE		I FROM-UA-DATE I	1 (LESS1) I	I MOVE I	I STAT-USED-FLAG I	(001279) 1 06	I MOVE 1 +	1 1 1 01 '0-10' 1	I ERR-CODE I I	1	 ***********	UA-LONG-UPDATE-END		
/ (001269) /	70.07>*	US-TWO PARAGRAPH	(001270)	· UA-FLAG NO	(LESSI) NOT =	1 MOVE	. 1 ZERO TO 1	IYES I TO-UA-DATE I	I MOVE	1 01 1 1	I STAT-USED-FLAG I	(001271) I 02 I '1' TO UA-FLAG I	MOVE 1 (LESS1) I	I I I I I I I I I I I I I I I I I I I	ERR-CODE 1 +>1	1 04	 +		UA-LONG-UPDATE-END	

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CHART TITLE - PROCEDURE DIVISION

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/ (001290) /	I	63.05>1	10	GO TO DEPENDING I		U6-ONE 76.05 I	***************************************	П	н																		

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74.01> U6-ONE PARAGRAPH	(LESS1) NOT =	
/ (001306) / 74.01>* U6-T#O PARAGRAPH	(001307) 1 01 (ua-FLAG NO (001309) 1 03 (LESS1) NOT = (001309) 1 03 IYES I NOVE I COUA-DATE I (LESS1) I (LESS1) I NOVE I COUA-DATE I (LESS1) I NOVE I NOVE I (LESS1) I NOVE I (LESS1) I NOVE I (LESS1) I NOVE I (LESS1) I (LESS	OA FORG OTOAIN

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CHART TITLE - PROCEDURE DIVISION

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		(001336) 1 04	1 MOVE (0.09/ 10 I	.77.04.	
77.02> (001332).: NOTE 02 b 50.4CT] ON OF TRS-IN-REC = FROM-UL-DATE (LESS1)	(001332) · 03	SEE NOTE		 T *	
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				(001346) I 03	I MOVE I ZERO TO I	I TO-UA-DATE I I (LESSI) I I MOVE I	I 1 TO I STAT-USED-FLAG I	I '1' TO UA-FLAG I		 UA-LONG-UPDATE-END
/ (001343) /	77.01>-	UT-TWO PARAGRAPH	(901344) - 01	. (LESS1) NOT =	• • • • • • • • • • • • • • • • • • • •	IYES I		(001345) 1 02	I MOVE I (U-10' TO I ERR-CODE I +	

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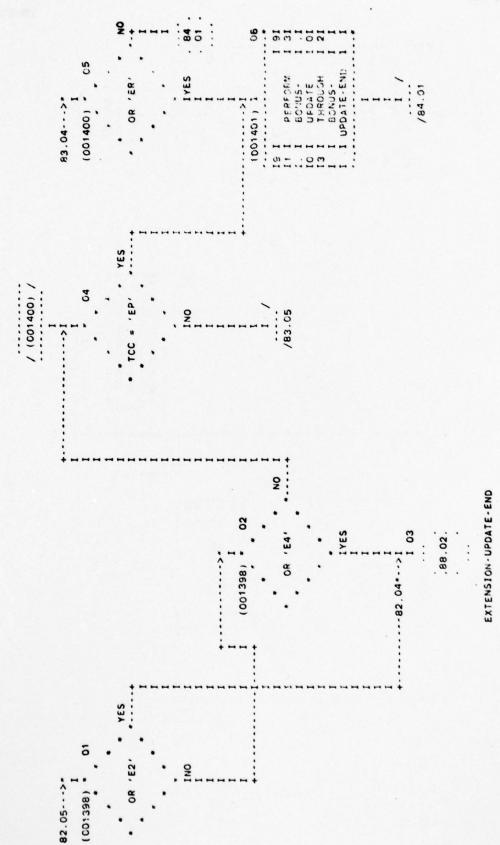
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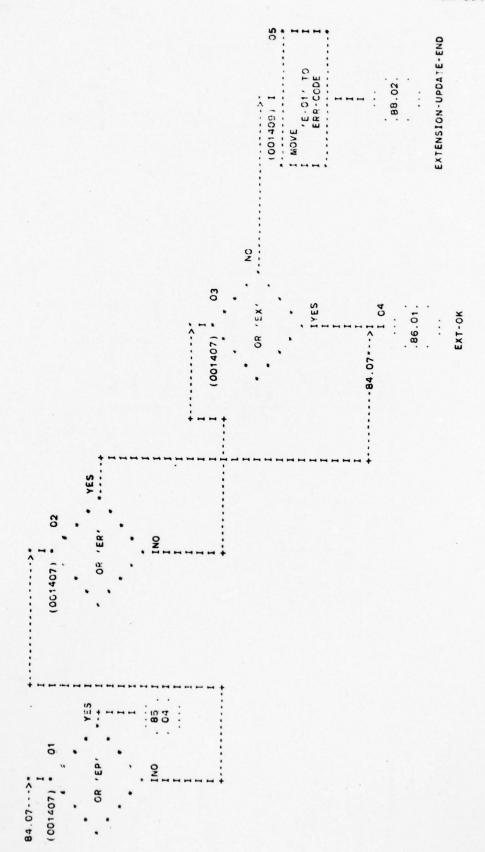
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21.08> × I	1 (100100) /	/ (001396) /	
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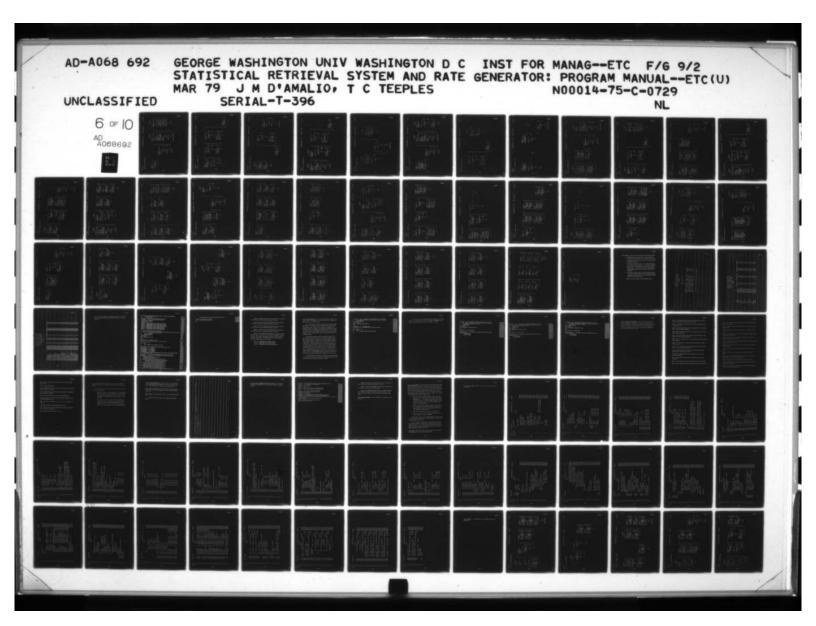
EXTENSION-UPDATE-END

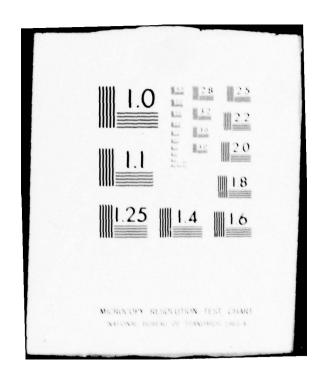
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95.02> (001500) I NOTE 04 PRES-VICE OF TRS-IN-REC = PICC (LOOP-INDEX)	20 (001500)	SEE NOTE		

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/ (91510) /	FCRCET-TRANS PARAGRAPH (001517) 1 06 (COMPUTE I LOOP-INDEX 1 I I NOVE I NOVE I I LOOP-INDEX 1 I	TURBULENCE-UPDATE
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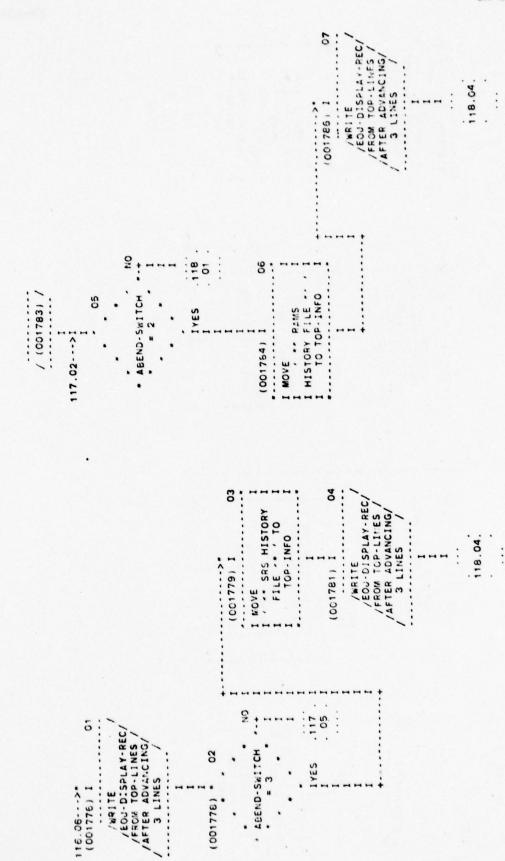
REC-LEN-COMPUTE

112.06*>*		REC-LEN-COMPUTE	PARAGRAPH		•	(001741) 1 06	• · · · · · · · · · · · · · · · · · · ·	I MOVE I	I 4 TO REC-LEN I	• • • • • • • • • • • • • • • • • • • •	1		(001742) I NOTE 07		. REC-LEN 15 .	· INITIALIZED TO ·	. 4 TO ACCOUNT			. INCLUDED FOR .	. VARIABLE LENGTH .	. RECOADS .		1	-	1	1 /		114.01	
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1 (967100) : 60 : (87100)	/#PITE /#	/AFTER LOW-LINES / AFTER LOW-LINES / S LINES / 2 LINES /	1 (201797) 1 06	I MOVE I MUYBER OF SRS 1 1 MURBER OF RANK I MUYBER OF SRS 1 1 MURBER OF RANK I MISTORY RECOFUS I MISTORY RECOFUS I OUTPUT	I MOVE I OUT-HIST-CTR TO I IN-RAMS-CTP TO LOW-NUM I LOW-NUM I LOW-NUM	
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UPDATE SAS HISTORY

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AFTER ADVANCING/	/AFTER ADVANCING/	I /AFTER ADVANCING/	1 /AFTER ADVANCING/
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AFTER ADVANCING/	1	/FROM LCW-LINES /		/FROM LOW-LINES /	1	FROM LCW-LINES /
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- 3.10.5 Output. There are four output data sets from the update program:
 - The SRS History file which has had the latest transactions posted to each record. This data set is written on disk packs.
 - A tape copy of the SRS history file which is a back-up copy of the disk history file.
 - 3. A tape copy of transaction errors. If a transaction does not have a history record to update or if it fails some validation or edit check, it is written out as an error record on this tape data set. The record will have an error code inserted in the KC-CYC-NUM field to indicate the type of error that was encountered.
 - 4. A tape copy of archival records. When an SRS history record is an inactive record and has not had a transaction posted for five years, the record is written out on the archival file and dropped from the SRS history file.

A sample of the printer output for program SRSUPDT follows:

						TM-60423	
4	09/22/17	. NORMAL END OF JOB	NUMBER OF SRS FISTORY RECORDS INPUT = 372.204 NUMBER OF SRS HISTORY RECORDS OUTPUT = 399,524 NUMBER OF RAMS HISTORY RECORDS READ = 51.508	AMS HISICRY PECCROS MATCHED = 3 TRANSACTION ERROR RECORDS = 3	TOTAL LENGTH OF SRS HISTORY FILE IS = 129,359,060		
				- 506 -			

										Market Service of the			1							TM-60	423	
					ERROR CODE	2-33	1-03	7-93	7-03	60-7	1-03	7-03	60-7	60-7	60-7	60-7	£0-7	£0-7	7-03			
,					CAD BASE DATE	1301 26	730126	730702	130221	7301.26	730702	730703	730702	730702	130702	130102	730126	7301 26	730702			
AL SYST : N	DRY EILE	CORDS HITH	RECORDS		SOURCE OF ENTRY	AAAA	ADBA	AUBA	ADBA	ADBA	ADBA	75	ADBA	A08A	AUBA	ADBA	AAAA	AAAA	AD BA			
STATIST CAL RETRIEVAL SYST H	UPDATING SRS FISTORY EILE	RAMS HISTORY FILE RECORDS HITH	NC MATCHING HISTORY RECORDS	11.722760	PRESENT MCC	010	910	910	010	016	016	910	016	016	016	016	016	910	910			
STATI	UPDA	RAMS	NC. HA		MI D	0002429429	0002441807	0003 382496	0004 52 34 08	0004606332	0005 60 73 83	0000 544862	0000 560427	0000 56 04 80	19067549081	6007 585455	C008 38 4535	00 03 4 20 6 33	6010442720			
					NAKE	MCMANUS JR	COUNS JR	DENEAU	DAVIS	MOUDY	LEGASSEY	RAND	TAPLEY	MUDKE JR	PATTERSON	HALE	SMITH	HOLLOWAY	WHITTEN			
										-	507											

NAME	MID	700	25.	REC STATUS	DATE OF ACTION	ERRUR CODE
- 1	•	KI	3 90	E	4030	70-7
	000 12 63370	AN	03 0	r	740628	70-7
	0001367769	02	2 E Z	0	740218	70-7
_	0031367769	68	0E2	•	740321	10-7
ERICS	3331387394	9	3 E6	9	740129	0-04
CALKINS STEVEN C	000 1387656	9	186	1	740204	10-7
SHANNON NAMCY	9106051000	Or .	080	0	740220	50-7
LAHEY NORMAN E	003 1409245	9	281	0	740115	50-7
GRIGGS SUSEN A	000 14 24 478	97	080	•	730727	50-7
JOHN	000 14 24 882	97	081	0	740417	50-7
-	000 1425427	9	081		740220	7-01
SCHRAM PICHAEL J	0001425427	Qr.	081	5	740220	7-01
PICHA FL	000 1425427	9	080		740512	7-01
MICHAEL		6.5	OFA	-	740610	7-03
CREET	0031428212	2 2	1	,	200122	70-8
10000	212021100	100	200		271060	
2000		7 .	200	r :	227069	K-04
KUDEAL	2126241.00	N. N.	HOS	H	690122	R-34
RCBERT	000 1428212	A6	022	0	690123	A-04
ANGELO KCBERT M	000 14 28212	A6	022	1	690123	A-0't
ANGELO ROBERT M	000 14 28212	46	0 22	1	690123	A-04
WHITCOMB RICHARD P	00)1444812	10	- 67	0	730111	0-03
WILSON JR RUBERT E	000 1446650	5	5 69	0	740617	U-03
MILSON JR ROBERT E	003 1446 890	ch	2 HO	O	740020	U-09-
BLANCHARD GRECORY A	000 146 1271	3	CB1	0	740118	5-02
WATERHOUSE JOHN K	0001463399	62	0E 2	0	740>16	0-03
MACARTHUR JR ARTHUR	0001467799	R.	4 0S	0	730718	R-04
MACARTHUR JR A J	0001467799	AO	000	-	730719	A-04
JENNA RUBERT P	0001485349	A6	030	0	740227	A-04
EINSTOLER MICHAEL A	0032348772	an	080	9	740126	50-7
MURSE HASKELL	000 23 49 251	PO PO	000	T	740130	A-04
RIESENBERG JR JOHN J	00,2386733	0.5	0 62	0	730904	50-7
WYANT ROYCE A	003 2436068	05	062	•	740317	0-03
BEAN KATHLEEN L	0002421444	20	0 81	0	740521	50-7
MCMANUS JR THOMAS P	0032429429	9	080	0	740131	10-7
	0012429429	J.D.	080	0	740313	7-01
J.R	N	02	0 E 2	0	740416	10-7
0	000 24 29 617		981	0	740226	7-05
_	59		000	I	740205	A-04
	0002441607		080	•	740127	2-01
JR RICHARD	000 24 41 80 7	81	3 65		740130	7-01
IN PAYSON C	0032443630		(81	. 0	731215	7-05
		90	000	T	740212	A-04
EWART J		9	0.81	0	731221	5-05
AL ALA					310104	
מוכעבע מתו שאוער	t	25	190	>	*010*/	50-7

3.10.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution.

```
//IS719161 JOB (701R.MPI3), UPDATE CAPT JENKINS', TYPRUN=HOLD.
                                                                           1000000
                                                                           00 002
       RD=NR.MSGLEVEL=(1.1).
11
11
         TIME=(99)
                                                                           00000031
          DD DSN=HQMC1.MPI.LDADLIB.DISP=SHR
//JOBL 18
                                                                           0000004
            EXEC PGM=IEHPROGM.REGION=80K
//STEPONE
                                                                           0000005
//SYSPRINT DD SYSOUT=A
                                                                           0000000
//SYSCUT DD SYSOUT=A
                                                                           0000007
//SYSIN DD *
                                                                           8000008
 UNCATLG
          DSNAME=HQMC1.MPI2.C1080.SRS.ARC7703
                                                                           0000009
          DSNAME=HQMC1.MPI2.C1080.SRS.ARC7803
 UNCATLG
                                                                           0000010
          DSNAME=HQMC1.MP12.C1080.SRS.ERRS7703
 UNCATLG
                                                                           0000011
 UNCATLG
          DSNAME=HQMC1.MPI2.C1080.SRS.ERRS7803
                                                                           0000012
 UNCATLG
          DSNAME=HQMC1.MPI2.C1080.SRSM7703
                                                                           0000013
 UNCATLG
          DSNAME=HQMC1.MPI2.C1080.SRSM7803
                                                                           0000014
 UNCATLG
          DSNAME=HQMC1.MPI2.C1080.SRS.CHECKP
                                                                           0000015
                                                                           0000016
1*
11
    EXEC LCOBUCLG.CFF=MPI1.SECT=RETRV.
                                                                           0000017
    PARM.COB=(LIB.NODECK.LOAD.NODMAP.NOPMAP.SUPMAP.NOXREF.STATE.SXFEF.
"
                                                                           000001
11
               'SIZE=114K', BUF=16K').
                                                                           000001
11
       FEGICN.LKED=90K.
                                                                           00000
       REGION.GO=200K
                                                                           00000
11
//LIB.SYSIN DD *
                                                                           00000
-OPT NOLIST
                                                                           00000
      SRSUPDT, Q55G. EXEC
-SEL
                                                                           0000
-END
                                                                           00000
1*
                                                                           00. 0
//COB.SYSIN DD
                 DSN=&&LIBTEMP
                                                                           000 00:
//CDB.SYSLIB DD DSN=HOMC1.AP12.COPYLIB.DISP=SHR
                                                                           00000
                                                                           00000
//LKED.SYSLIB
              DD
                                                                           00000
       DD
"
                                                                           00000
11
       OO
           DSN=HQMC1.AP12.MMSLIB.DISP=SHR
                                                                           00000
1+
                                                                           000003.
//GD.SYSPRINT
               DD
                   SYSOUT=A.DCB=(RECFM=UA.BLKSIZE=133)
                                                                           .E00000
//GD.SYSOUT
              00
                  SYSOUT=A
                                                                           0000035
//GO.SYSUDUMP
               DD
                   SYSOUT=A
                                                                           0000036
//GO.SYSDBOUT
               DD
                   SYSOUT=A
                                                                           0000037
//GO.ERRMESST
                DD SYSOUT=A
                                                                           0000038
//GD.ÉRRMESRM
                DD SYSCUT=A
                                                                           0000039
//GO.RAMSFILE DD DISP=SHR.DSN=HQMC1.NPI3.C1081.P18.RAMS.MM.G7803V00.
                                                                           0000040
       DCB=(EROPT=SKP)
                                                                           0000041
//GO.STATFILE
               OD
                   DISP=OLD.DSN=HQMC1.MPI2.C1080.SRSN.UPSTAT
                                                                           0000042
//GO.INPUT
               DD
                   DISP=OLD.DSN=HQMC1.MPI2.C1080.SRSN.UPHIST
                                                                           2400000
//GO.OUTPUT DD DISP=OLD.
                                                                           0000044
11
       DSN=HQMC1.MPI2.C1080.SRS-MAST.
                                                                           0000045
11
      UNIT=3330, VOL=PRIVATE.
                                                                           0000046
11
       DCB=(RECFM=VB.LRECL=6000.BLKSIZE=13030)
                                                                           0000047
//GD.STATERR DD DISP=(NEW.CATLG.CATLG).UNIT=2400-3.
                                                                           0000048
11
          DCB=(RECFM=FB.LRECL=240.BLKSIZE=2400).
                                                                           0000049
11
          DSN=HQMC1.MP12.C1080.SRS.ERRS7803
                                                                           0000050
//GD.DUTCHG
                  DSN=HQMC 1.MPI2.C1080.SRSM7803.
                                                                           0000051
11
       DISP=(NEW.CATLG.CATLG).UNIT=2400-3.
                                                                           00 052
                                                                           000005
       DCB=(RECFM=VB.LPECL=6000.BLKSIZE=13030)
//GD.DUTPRK DD DSN=HQMC1.MPI2.C1080.SRS.ARC7803.
                                                                           200000
       DISP=(NEW.CATLG.CATLG).UNIT=2400-3.
                                                                           000000
11
       DCB=(RECFM=VB.LRECL=6000.BLKSIZE=13030)
                                                                           200000
"
                  DSN=HQMC1.MP12.C1080.SRS.CHECKP.UNIT=3330.
                                                                           00000
//GO.SRSCKPT DD
```

// DISP=(NEW.CATLG.CATLG).SPACE=(TRK.(22.2).RLSE)
// EXEC IELEASE.PARM='I5719171'
// EXEC IELEASE.PARM='I5719181'
/*
//

Note 1. The DSNAME in the uncatalog statement (line 100) should be the same as the DSN in the OUTPRK DD statement (line 540).

Note 2. The DSN in the uncatalog statement (line 120) should be the same as the DSN in the STATERR DD statement (line 500).

Note 3. The DSN in the uncatalog statement (line 140) should be the same as the DSN in the OUTCHG DD statement (line 510).

Note 4. The DSN in the uncatalog statement (line 150) should be the same as the DSN in the SRSCKPT DD statement (line 570).

Note 5. For each subsequent SRS System run, the DSNs in lines 90, 100, 110, 120, 130, 140, 500, 510 and 540 should be changed to reflect a new date. This is done by adding three months to the "date portion" of the DSNs on these lines. For example, when making the June 1978 SRS System run the DSNs should read as follows:

line 90: DSNAME=HQMC1.MPI2.C1080.SRS.ARC7706

line 100: DSNAME=HQMC1.MPI2.C1080.SRS.ARC7806

line 110: DSNAME=HQMC1.MPI2.C1080.SRS.ERRS7706, etc.

3.10.7 Program Maintenance. All of the fields in SRS are involved in the update process. Any changes to the source fields (in TRS or RAMS) could have an effect on the update program.

This program calls the assembler language routines READER, READCH and READRK. If the lengths of any of the SRS record areas change, then the appropriate table entries of area lengths must be changed in the assembler routines. For example, if the length of the Military Education area changed then the following steps would be necessary. First, change the table entry in all the assembler routines for the military education length located in the OUTLNGS table. Next, reassemble and link edit the assembler routines.

The COBOL File Description (FD) for the Military Education area should then be corrected to reflect the new length, extra fields, etc.

Next, copy the history file using the just modified assembler routines.

(Only READER is needed for this copy but it is good practice to keep all three assembler versions in phase at all times.) What this copy will accomplish is to read the old history file at the previous length given for Military Education and write out new records at the revised length for Military Education. Next, change the entry in the INLNGS table for Military Education in all three assembler routines, reassemble and link edit. In the COBOL update program, the number that is moved into the NOMINAL-LEN table representating Military Education must be changed to the proper value (in the OPEN-ROUTINE) and then recompiled and link edited. Now the system is ready to handle Military Education on a routine basis.

If program changes are necessary for SRSUPDT, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit and replace the original load module in LOADLIB.

// 733152 JOB (601R.MPI2) . TEEPLES COMP UPDT . TIME= (03)	00000010
// EXEC LCOBUCL.OFF=MPI1.SECT=RETRV.LLIB=LOADLIB.ROOM=MPI.	00000020
// LMEM=SRSUPDT	00000030
//LIB.SYSIN DO *	00000040
POPT NOLIST	00000050
MSEL SRSUPOT .QS5G.RESEQ.EXEC	00000060
#END	00000070
/*	00000080
//COB.SYSIN DO DSN=&&LIBTEMP	00000090
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR	00000100
/*	00000110
//LKED.SYSLIB DD	00000120
// 00	00000130
// DD DSN=HQMC1.AP12.MMSLIB.DISP=SHR	00000140
/*	00000150

If it is necessary to change READER, READCH and READRK, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit and replace the original load module in LOADLIB.

```
//15703022 JOB (601R.MPI2), TEEPLES-ASSM-LKED TIME=(02)
                                                                           00000010
   EXEC LASMFCL.OFF=MPII.SECT=RETRV.LLIB=LCADLIB.ROGM=MPI.
                                                                           00000020
       PARM.LKED= "XREF.NCAL.LIST.LET".
                                                                           00000030
11
       LMEM=READER
                                                                           00000040
"/LIB.SYSIN DO +
                                                                           00000050
TAL
    NOLIST
                                                                           00000060
-SEL
      READER . BKHL . RESEQ . TEMP . EXEC
                                                                           00000070
END
                                                                           00000080
. 4
                                                                           00000090
//ASM.SYSIN DD DSN=&&TEMP
                                                                           00000100
13
                                                                           00000110
//LKED.SYSLMOD DD DSN=HQMC1.AP12.MMSLIB(READER).DISP=SHR
                                                                           00000120
//LKED.SYSIN DO *
                                                                           00000130
         ALIAS WRITER
                                                                           00000140
         ALIAS CLOSER
                                                                           00000150
.*
                                                                           00000160
11
                                                                           00000170
```

//15703012 JCB (601R.MP12). TEEPLES-ASSM-LKED .TIME=(02)	00000010
// EXEC LASMFCL.OFF=MPI1.SECT=RETRV.LLIB=LOADLIB.ROOM=MPI.	00000020
// PARM.LKED='XREF.NCAL,LIST,LET',	00000030
// LMEM=READCH	00000040
//LIB.SYSIN DD *	00000050
-DPT NOLIST	00000060
-SEL READCH.XKCO.RESEQ.TEMP.EXEC	00000070
-END	00000080
/*	00000090
//ASM.SYSIN DD DSN=&&TEMP	00000100
/*	00000110
//LKED.SYSLMOD DO DSN=HQMC1.AP12.MMSLIB(READCH).DISP=SHR	00000120
//LKED.SYSIN DD *	00000130
ALIAS WRITCH	00000140
ALIAS CLOSCH	00000150
/*	00000160
//	00000170

```
//15703032 JOB (601R.MP12). TEEPLES-ASSM-LKED .TIME=(02)
                                                                           00000010
// EXEC LASMFCL.OFF=MPI1.SECT=RETRV.LLIB=LCADLIB.RCCM=MPI.
                                                                           00000020
11
       PARM.LKED= "XREF.NCAL, LIST.LET",
                                                                           00000030
11
       LMEM=READRK
                                                                           00000040
//LIB.SYSIN DD #
                                                                           00000050
-OPT NOLIST
                                                                           00000060
-SEL
      READRK . XXLF . RESEQ . TEMP . EXEC
                                                                           00000070
-END
                                                                           00000080
14
                                                                           00000090
//ASM. SYSIN DD OSN=EETEMP
                                                                           00000100
1*
                                                                           00000110
//LKED.SYSLMOD DD DSN=HQMC1.AP12.MMSLIB(READRK).DISP=SHR
                                                                           00000120
//LKED.SYSIN DD *
                                                                           00000130
         ALIAS WRITRK
                                                                           00000140
         ALIAS CLUSRK
                                                                           00000150
1*
                                                                           00000160
11
                                                                           00000170
```

3.10.8 Error Messages from SRSUPDT. Some of the transactions that are fed into SRSUPDT may fail some of the validation checks built into the program. For example, a transaction may indicate that a Marine is returning from desertion when the history file has no record of the Marine deserting. Following is a list of error codes that are associated with those records that fail the edit tests.

- A-01 An A7 (from desertion) transaction record has been found with no record of a previous 'to desertion' (R4) transaction.
- A-02 An A7 transaction record has been found with a date preceding the "to desertion" date.
- A-03 An A-type transaction record has been found where the history record has no initial enlistment information.
- A-04 An A-type transaction record has been found that does not fit into the enlistment update logic.
- $\underline{\text{A-05}}$ An A5-type transaction record has been found where the date is not greater than the present enlistment date.
- A-06 An A5-type transaction record has been found where no valid previous R-entry appears.
- $\underline{\text{A-07}}$ An A7 (from desertion) transaction has been found with no "open" desertion record.
- $\overline{R-01}$ An R4 (to desertion) TRS record has appeared without an A7 (return from) for the last instance of desertion.
- R-02 An R-type TRS record has been found where no initial enlistment data appears in the SRS history record.
- R-03 An R-type TRS record has been found that does not fit into the enlistment area logic.
- R-04 An R2/R5-type TRS record can not be matched up with its proper A-type data.
- R-05 An R1/R3 type TRS record has invalid data in date of action field.
- R-06 An R2/R5 type TRS record has been found that pre-dates the SRS file.

 $\underline{\text{U-01}}$ - A U9 transaction has been found with a U1-U5 predecessor and no UA with a matching date.

U-02 - A U-type transaction has been found that is not a U1, U5, U6, U7, or U9 (or UA).

 $\underline{\text{U-}03}$ - A U1 transaction has been found when there is an "open" U1 area already.

U-04 - A Ul transaction with a correction/deletion code of 2 does not have a previous record to correct.

 $\overline{\text{U-05}}$ - A U1 transaction with a correction/deletion code of 2 does not have an "open" U1 record to correct.

 $\underline{\text{U-06}}$ - A Ul transaction with a correction/deletion code of 1 does not have a previous Ul record to correct.

 $\overline{\text{U-07}}$ - A U1 transaction with a C/D code of 1 does not have an "open" U1 record to correct.

 $\underline{\text{U-}08}$ - A U5 or U6 or U7 transaction has been found with no previous U1 entry.

 $\underline{\text{U-09}}$ - A U5 or U6 or U7 transaction has been found with no "open" U1 entry.

 $\overline{\text{U-}10}$ - A U5 or U6 or U7 transaction with a C/D code of 1 or 2 has been found without a U1-U5 or U6 or U7 predecessor.

U-11 - A U9 transaction has been found with no previous U1 entry.

 $\overline{\text{U-}12}$ - A U9 transaction has been found with a C/D code of 1 or 2 and no previous U1-U5-U9 record.

 $\overline{\text{U-}13}$ - A U9 transaction has been found without a U1-U5 predecessor and no UA-short entry: may predate the file.

D-01 - A D-type transaction was found that does not fit into the grade update logic.

D-02 - No previous grade exists.

 $\overline{D-03}$ - A DB/DH/D2 (promotion) transaction was found where the new grade is not greater than the old grade.

 $\overline{D-04}$ - A DC/D4/D3 (reduction) transaction was found where the new grade is not less than the old grade.

E-01 - An E-type transaction does not fit into programmed logic.

 $\overline{Z-01}$ - Transaction record with no matching SRS history record (not an AO or AN-001 combination, or A6).

Z-02 - Transaction record which is not an A-, R-, D-, U-, E-type or JD, JP type.

Z-03 - RAMS record with no mathcing SRS history record.

Z-04 - RAMS record with missing or invalid depot scores where the master record is more than 6 months old.

Z-05 - Apparently duplicate transaction record.

3.10.9 Checkpoint/Restart. During the running of program SRSUPDT, a checkpoint is taken at every 10,000 records read on the input transaction file.

The following are the instructions for restarting the job from the last successful checkpoint.

- On the job card, all the usual parameters must be included plus MSGLEVEL=(1,1),RD=NR. The last parameter is a restart definition indicating that nonautomatic restart is desired. As the job progresses, checkpoint messages will be printed at each checkpoint.
- 2. To restart a job, use the same JCL as for the original job. The parameters in the job card are the same as above with the additional parameter: RESTART=(STEPNM,COOOOOnn); where STEPNM is the name of the job step where the checkpoints were taken and nn is the number of the last successful checkpoint.

- 3.11.1 Merge Archives Process. This process takes the archival output from the previous update run and merges it with the historical archive file. The resulting output is the new historical archive file.
- 3.11.2 Input. The two inputs to this process are the archival records output by the previous (step 10) update run and the current historical archive file.
- 3.11.3 Output. The output from this merge is the new historical archive file.

A sample of the printer output for the merge archives process follows.

	1 1 1		1 1	1 1 1	
				TM-60	423
L.					0
00 00					
= 5015	The state of the s				
9716					
2 C C C C C C C C C C C C C C C C C C C					
60001					
9v=58.					
* clas(T) to 1886=AP. List. 381 * clas(T) to 11.82=AAAAAAAAAA 28a,288)					
76.7 36.7)					
* * 50 10 % 9 % 9 % 9 % 9 % 9 % 9 % 9 % 9 % 9 %					
20 20 20 20 20 20 20 20 20 20 20 20 20 2					
10.021 10.021 10.021 11.001 11.001 11.001 11.001 11.001 11.001					
110.8 115.86 845.10 845.10					
785=14 108=14 108=16 1085 1085 1085					
250000 300000000000000000000000000000000					
-SDETZSIESBAGUA GUILLE 1: -735c90					
+ C3-5087/318883000 0011016 15 FEFFE + -10743640					0
+- : : : : : :		524 -			

3.11.4 Job Control Languages for Execution of Process. The following listing shows the complete set of JCL and control cards for this merge execution.

```
//15719171 JOB (701R.MPI3) . MERGE ARCH . TYPRUN=HOLD . TIME=(5)
                                                                          00000 0
           EXEC PGM=IEHPRCGM.REGICN=80K
//STEP1
                                                                          00000020
//SYSPRINT DD SYSOUT=A
                                                                          00000030
//SYSOUT
           DO SYSOUT=A
                                                                          00000040
//SYSIN
           00 *
                                                                          00000050
UNCATLG DSNAME=HQMC1.MPI2.C1080.SFS.TARC7703
                                                                          00000060
                                                                          00000070
UNCATLG DSNAME=HQMC1.MPI2.C1080.SRS.TARC7803
14
                                                                          00000080
//STEP2
           EXEC PGM=1ERRCCOO.REGICN=150K
                                                                          00000090
//SORTLIB DD DSN=SYS1.SORTLIB.DISP=SHR
                                                                          00000100
//SYSUDUMP DD SYSOUT=A
                                                                          00000110
//SYSOUT
           DD SYSDUT=A
                                                                          00000120
                                                                          00000130
//SORTING1 DD DSN=HQMC1.MPI2.C1080.SRS.TARC7712.DISP=OLD
                                                                          00000140
//SORTINO2 DD DSN=HQMC1.MPI2.C1080.SRS.ARC7803.DISP=OLD
                                                                          00000150
//SCRTOUT DD DSN=HQMC1.MP12.C1080.SRS.TARC7803.DISP=(.CATLG.DELETE).
    UNIT=2400-3.
                                                                          00000160
11
                                                                          00000170
   DCE=(RECFM=V8.LRECL=6000.BLKSIZE=13030)
//SYSIN
                                                                          00000180
           DD *
                                                                          00000190
 RECORD TYPE=V.LENGTH=(3560...288.288)
 MERGE FIELDS=(35,10,CH,A)
                                                                          00000200
                                                                          00000210
11
```

- Note 1. The DSN in the uncatalog statement (line 70) should be the same as the DSN in the SORTOUT DD statement (line 150).
- Note 2. The DSN in the SORTINO1 DD statement (line 130) should be the name of the current historical archive file.
- Note 3. For each subsequent SRS System run, the DSNs in lines 60, 70, 130, 140 and 150 should be changed to reflect a new date. This is done by adding three months to the "date portion" of the DSNs on these lines.
- 3.11.5 Process Maintenance. The only field used in this process is the MID field.

3.12.1 Program SRSVHMF. This program matches the SRS history file output from step 10 with the HMF file. If a match is found then the Billet MOS, Current Civilian Education, Marital Status, Current Number of Dependents, Race, Sex, Ethnic Group, Home - State, Home - County, Date of Birth, Armed Forces Active Duty Base Date, Expiration of Current Contract, Pay Entry Base Date, and Citizenship Status are moved from the HMF record to the corresponding fields in the SRS history record. In addition, if a matched record is an officer then the following is done.

- a) The Grade and Date-of-Rank fields which make up a particular grade-area (area 6) in the SRS record are moved to the particular grade-area + 1. For example, the Grade and Date-of-Rank in grade-area number 3 are moved to grade-area number 4 (which was previously unused), number 2 is moved to number 3 and number 1 is moved to number 2.
- b) In all cases the Grade of grade-area number 1 is filled with 'DFC' (meaning Date of Rank First Commission) and the Date-of-Rank of grade-area number 1 is filled with the Date-of-Rank First Commission from the HMF file.
- c) The count for the grade-area (area 6) is increased by 1.
- d) If the Grade field of the first grade-area already contains a 'DFC' then steps a, b and c are skipped.

The SRS record with the above described changes is output onto file A. If the record is on the HMF and not on the SRS then a new SRS record is created and output onto file B.

If the record is on the SRS and not on the HMF then the active/ inactive flag is checked. If the flag is inactive then the record is written onto file A. If the flag is active then the proper code (3) is moved to the flag, the date of the HMF file is moved to the separation date and the record is written onto file A.

3.12.2 Input. The two files input to this program are the current HMF file and the SRS history file output from step 10.

3.12.3 Source Program. Following is a listing of the source statements for SRSVHMF.

10/16/78	INPUT LISTING	AUTOFIOW CH	AUTOFLOW CHART SET - SRS H	HMF MATCH	
SOBOL MODULE	(LIST.CHART,PARM)				
CARD 110	03	CONTENTS		į	
	OPTION AUXLIST=YES				
	•			00000010	
-	IDENTIFICATION DIVISION.			00000000	
8	PROGRAM-ID. SRSVHMF.			00000000	
e	AUTHOR. 10M TEEPLES.			00000000	
4	DATE-COMPILED.			00000000	
ui	•			09000000	
ю	ENVIRONMENT DIVISION.			00000000	
7	CONFIGURATION SECTION.			08000000	
89	SOURCE-COMPUTER, 184-360-H65.			06000000	
o	CBJECT-COMPUTER. IBM-360-H65.			000000100	
10	SPECIAL-NAMES.			00000110	
.11	CO1 IS TO-NEW-PAGE.			00000120	
12	IMPUT-OUTPUT SECTION.			00000130	
13	FILE-CONTROL.			00000140	
41	SELECT EOJ-DISPLAY	ASSIGN TO	UR-1403-S-SYSPRINT.	00000150	
15	SELEC'I HMF-MASTER	ASSIGN TO	UT-2400-S-MASTFILE.	00000160	
10	•			00000170	
	EJECT			00000180	
17	•			0000000	
10	DATA DIVISION.			00000000	
61	FILE SECTION.			00000210	

10/16/75	INPUT LISTING	o	AUTOL	AUTOFLUM CHART SET - SRS	HMF MATCH
CARD NO	:		CONTENTS		:
20	đ.	HMF-MASTER			00000220
21		BLOCK CONTAINS 0			00000230
22		RECORD CONTAINS 1200	00		00000240
23		LABEL RECORD STANDARD.	DARD.		00000050
24		01 HMF01080 COPY HMF01080.	HMF01080.		00000260
		EJECT			000000270
25	-010000				000000580
26	O.	EOJ-DISPLAY			0000000
27		LABEL RECORDS ARE DMITTED	OMITTED		00000000
28		RECORDING MODE IS	٦.		00000310
29	. 10	EOJ-DISPLAY-REC.			00000320
30		03 FILLER	PIC X.		000000330
31		03 FILLER	PIC X(132).		00000340
32	•			4	00000320
		EJECT			00000000
33	•				00000370
34	MOR	WORKING-STORAGE SECTION.	Υ.		00000380
35	0000440 77	OTHER-SVC-CTR	PIC 59(6) COMP-3.	NP-3.	00000380
36	000450 77	SEP-C1R	PIC 59(6) COMP-3.	AP-3.	00000400
37	10	HMF-C1R	PIC \$9(6) COMP-3	COMP-3.	00000410
33	5	SRS-C1R	PIC S9(6)	COMP-3.	00000420
39	01	NEW-CIR	PIC 59(6)	COEP-3.	00000430
40	6	FLG-CHG-CTR	PIC 59(6)	COMP-3.	00000440

HMF MATCH	:	00000450	00000460	00000470	00000480	00000480	00000000	00000510	00000520	00000230	00000540	00000220	00000260	00000210	00000280	0650000	00000000	0000000	000000820	00000000	00000640	00000000	09900000	00000000
AUTOFLOW CHART SET - SRS	CONTENTS	S9(6) COMP-3.	9 COMP-3.	x(9).	x(9).	S99 COMP-3.	S99 COMP-3.	99 COMP-3.	99 COMP-3.	X(4:98).				x(9).	FINITION			PIC X.	PIC XX.		VALUE SPACES.	VALUE SPACES.	LUE SPACES.	
	ŏ	MTCH-CTR PIC S	ABEND-SWITCH PIC S9	OLD-HMF-SSN PIC X	OLD-SRS-SSN PIC X	LOOP-INDEX PIC S	SU3 PIC S	I PIC 599	D P J C S 99	TEMP-SRS PIC X	EOF PIC X.	WORK-MID.	03 SERVICE-CODE PIC X.	03 WORK-SSN PIC X	INSERT PRINTER OUTPUT DEFINITION		WORK-DUTY-LIMIT.	05 DUTY-LIMIT-CODE	OS FILLER	TOP-LINES.	03 FILLER PIC X(51) VA	03 TOP-INFO PIC X(30) VA	03 FILLER PIC X(52) VALUE	LOW-LINES.
INPUT LISTING	:	0	10	10	. 0	10	10	01	0	01	9	. 0			•	•	000620 01	000000	000640	000650 01	099000	00000	000000	000690 01
10/16/79	CA 25 NO	41	42	. 4	44	45	46	47	43	49	80	15		£ 6	54	99	96	23	58	63	60	19	62	63

HMF MATCH	:	00000000	06900000	000000000	01200000	00000720	000000130	00000140	000000750	00000760	000000170	00000000													
AUTOFLO. CHART SET - SRS HMF	CONTENTS	FILLER PIC X(39) VALUE SPACES.	LOW-INFO PIC X(41) VALUE SPACES.	FILLER PIC X(4) VALUE ' = '.	LOW-NUM PIC ZZ, ZZZ, ZZ9.	FILLER PIC X(39) VALUE SPACES.	NE.	FILLER PIC X(11) VALUE SPACES.	CUR-DAT PIC X(8).	FILLER PIC X(11) VALUE SPACES.				THE FOLLOWING SET OF STRUCTURES CONSTITUTE A PSEUDO FD FOR	000030* THE HISTORY FILE (HIST). THIS FILE IS ACCESSED FOR INPUT BY A	OCCOAO * CALL 'READER' INSTRUCTION AND FOR OUTPUT BY A CALL 'WRITER'	000050* INSTRUCTION, EACH WITH APPROPRIATE PARAMETERS.		WRITER COLLECTS AND ASSEMBLES THE HISTORY RECORD AND PLACES	0000000* IT IN AN OUTPUT BUFFER. READER LOCATES A HISTORY RECORD IN AN	000090* INPUT BUFFER AND DISTRIBUTES THE SEGMENTS TO THE APPROPRIATE	000100 SEGMENT STRUCTURES BELOW.		AREA IS AREA NUMBER 1.	
מא		03 FIL	03 10%	03 F11	03 10%	03 F11	DATE-LINE.	03 F11	03 CUF	03 FIL	EJECT	SRSFD		THE FOLI	THE HISTOR	CALL 'READ	INSTRUCTIO		WRITER	IT IN AN C	INPUT BUFF	SEGMENT ST		THE FIXED	
INPUT LISTING	:	000000	000010	. 000720	000030	0000740	000750 01	000760	0000170	000780		-1NC SR	. 000010	*000000	0000000	0000040-	+090000	•020000	400000	•020000	+060000	0001000	000110+	000120- THE	
10/16/78	CARD NO	64	65	99	29	68	69	70	. 71	72		72	73	74	75	51	7.7	7.8	2.0	60	ŧ	52	.3	6.4	

HMF MATCH	:																							
AUTOFLOW CHART SET - SRS HMF	CONTENTS	DUTY-LIMIT-ENTRY PIC X.	CITIZENSHIP PIC XX.	MARITAL-STATUS PIC X.	NUM-DEP-ENTRY PIC X.	NUM-DEP-CURR PIC X.	CIV-ED-ENTRY.	OS YEARS-ED PIC XX.	OS DEGREE PIC X.	CIV-ED-CURR.	OS YEARS-ED PIC XX.	OS DEGREE PIC X.		PROG-ENL-FOR PIC XX.	FILLER INSERTED FOR SEC-EST, VISION. SPACE IS	MAINTAINED HERE FOR FUTURE EXPANSION.	FILLER PIC XX.	BILLET-MOS PIC X(4).	THE HMF-SRC-FLAG IS USED TO DENOTE THOSE RECORDS THAT WERE	CREATED FOR THE INITIAL FILE. FLAG=1 FOR ORIGINAL RECORDS,	FLAG=0 FOR RECORDS ADDED AFTER CREATION. NOTE THAT ORIGINAL	RECORDS MAY NOT HAVE COMPLETE ENLISTMENT HISTORY.	HMF-SRC-FLAG PIC X.	ACT-INACT-FLAG PIC X.
DNI		03	03	03	03	03	03			03			EJECT	03	FILLER	BEING	03	03	THE H	CREATE	FLAG=0	RECORD	03	03
INPUT LISTING	:	0000360	000370	0000380	060000	000400	000410	000420	000430	000440	000450	000460	000410	000480	000450	*005000	0000210	000250	*00530*	.000540*	0002204	*095000	000210	000280
1118/70	CARD NO	108	109	110	111	112	113	114	115	116	11.7	118		119	120	121	122	123	124	125	125	127	126	129

HMF MATCH	:	RECORDS.	4	NEW																				
SET - SRS		ALL ACTIVE RECO	ENLISTMENT AREA	1 FOR EACH				PIC 9.		ADDRESS														
AUTOFLOW CHART SET - SRS	CONTENTS	BE A 1 FOR AL	EACH TIME THE	IT WILL BE RE-SET TO		(4).		NUM-RAMS-FLAG REDEFINES RAWS-NEED-FLAG	6) COMP-3.	000670* SLACK BYTES ARE USED TO FORCE EVEN-BYTE				R 2.				PIC XX.		PIC XXX.				
	o	THE ACT-INACT-FLAG WILL B	MOVED IN		OCC620 ENLISTMENT AREA OPENED UP.	E PIC X(4).	RAMS-NEED-FLAG PIC X.	MS-FLAG REDEFINE	LAST-CHG-DATE PIC 9(6) COMP-3.	ARE USED TO	GWMENT.	BYTE1 PIC X.		000710* THE SCORES AREA IS AREA NUMBER 2.	96 BYTES.		CORES.	AFEE-FORM-NUMBER	AFEES.	AFEES-C-CO	AFEES-C-FA	AFEES-C-EL	AFEES-C-OF	AFEES-C-GM
TING			A 2 WILL BE	IS CLOSED OUT.	ENLISTMENT	D3 COHORT-DATE	03 RAMS-N	03 NUM-RA	03 LAST-C	SLACK BYTES	000680 BOUNDARY ALIGNMENT.	03 SLACK-BYTE1	EJECT	THE SCORES AR	000720* LENGTH IS 9	02 SCORES.	03 AFEE-SCORES.	05 AF	05 AF	07	07	07	00	07
INPUT LISTING	:	*065900	*009000	000010*	000620*	0000630 03	0000640	000000	099600	*00000	•000000	0000690	000000	000710+	000720*	000730 02	000740	000750	000160	000770	000780	000190	000000	000810
0/16/70	CARD NO	130	131	132	133	134	135	130	137	133	139	140		141	142	143	144	145	146	147	143	149	150	151

:																	٠						
	xxx.	xxx.	xxx.	XXX.	xxx.	xxx.	xxx.	xx.				xx.		xxx.	xxx.	xxx.	xxx.	XXX.	xxx.	xxx.	xxx.	xxx.	xxx.
NTENTS	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC			PIC		PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC
٥	O7 AFEES-C-MM	07 AFEES-C-CL	07 AFEES-C-ST	07 AFEES-C-GT	07 AFEES-C-SC	07 AFEES-C-RC	07 AFEES-C-RES2	S AFEE-MNTL-GP-SCORE	S AFEE-TEST-FLAG		EPOT-SCORES.	S DEPOT - FORM - NUMBER	S DEPOT.	07 DEPOT-C-CO	07 DEPOT-C-FA	07 DEPOT-C-EL	07 DEPOT-C-0F	07 DEPOT-C-GM	07 DEPOT-C-MM	07 DEPOT-C-CL	07 DEPOT-C-ST	07 DEPOT-C-GT	07 DEPOT-C-SC
								0	0		03 0	0	0										
i	000850	000830	000840	0000850	000860	000870	0000880	000880	005000	*016000	0000320	026000	000040	036000	096000	000000	086000	066000	001000	001010	001020	001030	001040
CARD NO	152	153	154	155	156	157	158	159	160	10	162	163	164	365	165	167	9	169	170	171	172	173	174
	CONTENTS	CONTENTS 000820 07 AFEES-C-MM PIC XXX.	000830 07 AFES-C-MM PIC XXX.	000820 07 AFEES-C-MM PIC XXX. 000830 07 AFEES-C-CL PIC XXX.	000820 07 AFES.C-MM PIC XXX. 000830 07 AFES.C-CL PIC XXX. 000840 07 AFES.C-ST PIC XXX.	000850 07 AFEES-C-MM PIC XXX. 000840 07 AFEES-C-ST PIC XXX. 000850 07 AFEES-C-ST PIC XXX. 000850 07 AFEES-C-GT PIC XXX.	000820 07 AFES-C-MM PIC XXX. 000830 07 AFES-C-CL PIC XXX. 000850 07 AFES-C-ST PIC XXX. 000850 07 AFES-C-GT PIC XXX. 000860 07 AFES-C-SC PIC XXX.	000820 07 AFES.C-MM PIC XXX. 000830 07 AFES.C-CL PIC XXX. 000840 07 AFES.C-ST PIC XXX. 000850 07 AFES.C-SC PIC XXX. 000850 07 AFES.C-SC PIC XXX. 000880 07 AFES.C-RC PIC XXX.	000820 07 AFEES-C-MM PIC XXX. 000830 07 AFEES-C-GL PIC XXX. 000840 07 AFEES-C-ST PIC XXX. 000850 07 AFEES-C-GT PIC XXX. 000860 07 AFEES-C-RT PIC XXX. 000860 07 AFEES-C-RC PIC XXX. 000880 07 AFEES-C-RES2 PIC XXX. 000880 05 AFEE-MNIL-GP-SCORE PIC XXX.	000820 07 AFEES-C-MM PIC XXX. 000840 07 AFEES-C-CL PIC XXX. 000850 07 AFEES-C-ST PIC XXX. 000860 07 AFEES-C-GT PIC XXX. 000860 07 AFEES-C-SC PIC XXX. 000880 07 AFEES-C-RC PIC XXX. 000880 05 AFEE-MNTL-GP-SCORE PIC XXX. 000890 CS AFEE-TEST-FLAG PIC XX.	000820	000820 07 AFES-C-MM PIC XXX. 000830 07 AFES-C-MM PIC XXX. 000850 07 AFES-C-ST PIC XXX. 000850 07 AFES-C-ST PIC XXX. 000870 07 AFES-C-SC PIC XXX. 000880 07 AFES-C-RC PIC XXX. 000880 07 AFES-C-RC PIC XXX. 000880 07 AFES-C-RCS PIC XXX. 000880 05 AFEE-MNIL-GP-SCORE PIC XXX. 0009910**	000820 07 AFEES-C-MW PIC XXX. 000830 07 AFEES-C-CL PIC XXX. 000840 07 AFEES-C-ST PIC XXX. 000850 07 AFEES-C-GT PIC XXX. 000860 07 AFEES-C-RC PIC XXX. 000870 07 AFEES-C-RC PIC XXX. 000880 07 AFEES-C-RES2 PIC XXX. 000880 05 AFEE-MNIL-GP-SCORE PIC XX. 000910* 05 AFEE-TESI-FLAG PIC X. 000920 05 DEPOIT-SCORES. PIC XX.	000820	000820 07 AFEES-C-MM PIC XXX. 000830 07 AFEES-C-GL PIC XXX. 000840 07 AFEES-C-GT PIC XXX. 000850 07 AFEES-C-GT PIC XXX. 000870 07 AFEES-C-RC PIC XXX. 000870 07 AFEES-C-RC PIC XXX. 000880 05 AFEE-MN1L-GP-SCORE PIC XXX. 000990 05 AFEE-TEST-FLAG PIC XX. 000990 05 DEPOT-FCRM-NUMBER PIC XX. 000990 05 DEPOT-FCRM-NUMBER PIC XX. 000990 05 DEPOT-FCRM-NUMBER PIC XXX.	0000020 07 AFEES-C-MM PIC XXX. 0000050 07 AFEES-C-CL PIC XXX. 0000050 07 AFEES-C-GT PIC XXX. 0000050 07 AFEES-C-GT PIC XXX. 0000050 07 AFEES-C-GT PIC XXX. 0000050 07 AFEES-C-RES PIC XXX. 00000000 05 AFEE-MNIL-GP-SCORE PIC XXX. 0000010- 0000010- 0000010- 0000000 05 DEPOT-SCORES. 00000000 05 DEPOT-CORM-NUMBER PIC XX. 00000000 05 DEPOT-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C	000920	000920	000820 07 AFEES-C-MM PIC XXX. 000830 07 AFEES-C-CL PIC XXX. 000850 07 AFEES-C-ST PIC XXX. 000850 07 AFEES-C-GT PIC XXX. 000860 07 AFEES-C-GT PIC XXX. 000860 07 AFEES-C-RES PIC XXX. 000890 05 AFEE-MNIL-GP-SCORE PIC XXX. 000990 05 AFEE-MNIL-GP-SCORE PIC XXX. 000990 05 DEPOT-SCORES. 000990 05 DEPOT-GAM-NUMBER PIC XXX. 000990 07 DEPOT-C-FA PIC XXX. 000990 07 DEPOT-C-FA PIC XXX. 000990 07 DEPOT-C-EL PIC XXX.	000820 07 AFES-C-WW PIC XXX. 000830 07 AFES-C-CT PIC XXX. 000850 07 AFES-C-GT PIC XXX. 000850 07 AFES-C-GT PIC XXX. 000860 07 AFES-C-GT PIC XXX. 000860 07 AFES-C-RC PIC XXX. 000890 07 AFES-C-RC PIC XXX. 000990 05 AFEE-WNIL-GP-SCORE PIC XXX. 000990 05 DEPOT-SCORES. 000990 05 DEPOT-SCORES. 000990 07 DEPOT-C-C-A PIC XXX. 000990 07 DEPOT-C-GM PIC XXX.	0000000 07 AFESS-C-MM PIC XXX. 0000000 07 AFESS-C-GT PIC XXX. 0000000 07 AFESS-C-RESQ PIC XXX. 0000000 08 AFEE-MNIL-OP-SCORE PIC XXX. 0000000 08 AFEE-TEST-FLAG PIC XX. 0000000 09 DEPOT-SCORES. 0000000 07 DEPOT-C-RM-NUMBER PIC XXX. 0000000 07 DEPOT-C-EL PIC XXX. 0000000 07 DEPOT-C-GM-NUMBER PIC XXX. 0000000 07 DEPOT-C-GR PIC XXX.	0000000 07 AFESS-C-MM PIC XXX. 0000000 07 AFESS-C-CL PIC XXX. 0000000 07 AFESS-C-GT PIC XXX. 0000000 07 AFESS-C-GT PIC XXX. 0000000 07 AFESS-C-GT PIC XXX. 0000000 08 AFESS-C-RESS PIC XXX. 0000000 08 AFESS-C-RESS PIC XXX. 0000000 09 AFESS-C-RESS PIC XXX. 0000000 00 AFESS-C-RESS PIC XXX. 0000000 01 DEPOT-C-RM-NUMBER PIC XXX. 0000000 07 DEPOT-C-FA PIC XXX. 0000000 07 DEPOT-C-FA PIC XXX. 0000000 07 DEPOT-C-GR PIC XXX.	000820 000830 07 AFEES-C-MM PIC XXX. 000850 07 AFEES-C-GT PIC XXX. 000850 07 AFEES-C-RC PIC XXX. 000850 07 AFEES-C-RC PIC XXX. 000850 07 AFEES-C-RC PIC XXX. 000950 07 DEPOT-SCORE PIC XXX. 000950 07 DEPOT-C-C-R PIC XXX. 000950 07 DEPOT-C-C-R PIC XXX. 000950 07 DEPOT-C-GM PIC XXX. 000950 07 DEPOT-C-GT PIC XXX.

AUTOFLOW CHART SET - SRS
CONTENTS
DEPOT-C-RC PIC XXX.
DEPOT-C-RES2 PIC XXX.
PIC XXX.
DEPOT-TEST-DATE PIC X(6).
PER HOMC STAFF RECOMMENDATION.
PIC XXX.
PIC XXX.
PER HOMC STAFF RECOMMENDATION.
PIC XX.
OO1170** THE MILITARY-EDUCATION AREA IS AREA NUMBER 3.
OCCURS O TO 20 TIMES.
PIC XXX.
PIC X(6).
PIC X(6).
PIC X.
PIC XXX.
PIC X(13).
OIC

0/16/78 CARD NO	INPUT LISTING	ING	AUTOFLOW CHART SET - SRS HMF MATCH	
151	001280*			
198	001290+	THE FILLER IS INCLUDED HER	THE FILLER IS INCLUDED HERE TO MAINTAIN A TOTAL OF 32 BYTES.	
199	001300+	SOME RE-DEFINITION OF FIELDS IS STILL	LDS IS STILL REQUIRED. (20 JAN 76).	
200	001310*	001310" THE ENLISTMENT AREA IS AREA NUMBER 4.	A NUMBER 4.	
201	001320*			
202	001330*	C01330* LENGTH IS 24 BYTES.		
203	001340*			
204	001350	02 ENLISTMENT	OCCURS 1 TO 20 TIMES.	
265	001360	03 SOURCE-OF-ENTRY.		
206	001370	05 505-1	PIC X.	
207	001380	05 505-2	PIC X.	
208	. 001390	05 80E-3	PIC X.	
209	001400	05 SOE-4 P	PIC X.	
210	001410	03 DO-ENLISTMENT F	PIC 9(6) COMP-3.	
211	001420	03 LNG-ENLISTMENT PIC X.	PIC X.	
212	001430	03 COMPONENT-CODE PIC XXX.	PIC XXX.	
213	001440	03 SEPARATION-CD	PIC X(5).	
214	001450	03 REENL-INDIC	PIC XX.	
215	001460	03 SEPARATION-DT F	PIC 9(6) COMP-3.	
216	001470	03 SLACK-BYTE2 PIC	х.	
217	001480-	001480* EXTENSION IS AREA NUMBER 5.		
218	001490			
219	001500" LENGTH	LENGTH IS 12 BYTES.		

HMF MATCH	:		٠																					
SRS HMI										SUBSCRIPT	THE FOURTH								٠					
			TIMES.			COMP-3.				THE ENLISTMENT CROSS REFERENCE FIELD. ABOVE, IS THE										TIMES.		COMP-3		
AUTOFLOW CHART SET	CONTENTS		O TO 9 T	PIC XX.	PIC 9.	PIC 9(6)	PIC XX.	PIC 99.		FIELD. ABO	IT COMES FROM	E.								10 20	PIC XXX.	PIC 9(6)		
	CON		occurs o	7	×	EXT	-EXT	FLAG	PIC X.	REFERENCE		AREA-COUNT TABLE.				. 9				OCCURS 1		NK	PIC X.	ER 7.
•			EXTENSION	TOT - MON - EXT	TOT - NUMB - EXT	DT-LATEST-EXT	MON-LATEST-EXT	ENL-X-REF-FLAG	SLACK-BYTE3	ENT CROSS	CHING ENL	THE AREA-				REA NUMBER		B BYTES.		SES	GRADE	DATE-OF-RANK	SLACK-BYTE4	S AREA NUMB
9			02 EXTE	03	03	03	03	03	03 SLAC	THE ENLISTN	DO1600* OF THE MATCHING ENLISTMENT.	001610* ENTRY OF		EJECT		OO1650* GRADES IS AREA NUMBER 6.		ENGTH IS		02 GRADES	03	03	03 SLAC	001730* UA-SHORT IS AREA NUMBER 7.
INPUT LISTING	:	001510*	001520	001530	001540	001550	001560	001570	001580	1001590+	*009100	4019100	001620*	001630	001640*	001650*	001660*	001670* LENGTH	001680*	001690	001100	001710	001720	001730*
10/16/78	CARD NO	220	221	222	223	224	225	226	227	228	225	230	231		232	233	234	235	236	237	238	239	240	241

HMF MATCH	:																							
AUTOFLOW CHART SET - SRS	10			30 TIMES.	9(6) COMP-3.	х.						30 TIMES.	9(6) COMP-3.	9(6) COMP-3.	× .				20 TIMES.	9(6) COMP-3.	9(6) COMP-3.			
AUTOF	CONTENTS	6 BYTES.		UA-SHORT OCCURS 0 TO	03 DATE-OF-UA PIC	UA-SH-FLAG PIC	SLACK-BYTES PIC X.	S AREA NUMBER 8.		10 BYTES.		UA-LONG OCCURS 0 TO	03 TO-UA-DATE PIC	FROM-UA-DATE PIC	UA-FLAG PIC	SLACK-BITES PIC X.	IS AREA NUMBER 9.	8 BYTES.	DESERTION OCCURS 0 TO	TO-DES-DATE PIC	FROM-DES-DATE PIC		IS AREA NUMBER 10.	
INPUT LISTING	:	001750* LENGTH IS	001760*	001770 02 UA-	001780 03	001790 03	001800 03 SLA	001310" UA-LONG IS AREA NUMBER 8.	001820*	001830*LENGTH 15	001840*	001850 02 04-	001860 03	001870 03	001880 03	001890 03 514	001900 DESERTION IS AREA NUMBER 9.	001910* LENGTH IS	001920 02 DES	001930 03	001940 03	001950	001960" TRANSFERS	
32/91/01	CARD NO	24 24 24 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	2:14	245	246	247	248	249	250	25:	252	60	254	255	256	257	250	259	260	251	262	263	264	

10/16/78	INPUT LISTING		AUTOFLOW C	AUTOFLOW CHART SET - SRS	HMF MATCH
CARD NO	i	000	CONTENTS		į
2 65	001970* UPDATE	001970* UPDATED FROM UD-STATS.			
266	•086100				
267	001990* LENGTH IS 16	IS 16 BYTES.			
268	002000*				
589	002010 02	TRANSFERS OCCURS	1 70 60	TIMES.	
279	002020	03 FWCC	PIC XXX.		
27:1	002030	03 PMCC	PIC XXX.		
272	002040	03 RUC	PIC X(5).		
273	002050	03 BEGIN-DATE	PIC 9(5)	COMP-3.	
274	002060	03 STREN-CAT	PIC X.		
	002070 EJI	EJECI			
275	. 002080*				
276	002090+ TURBULE	002090+ TURBULENCE IS AREA NUMBER	11.		
277	002100* UPDATED FROM	FROM UP-STATS.			
270	002110*				
279	002120* LENGTH	IS 38 BYTES.			
280	002130*				
281	002140 02	TURBULENCE OCCURS	0 10 20	TIMES.	
262	002150	03 PRES-MCC	PIC XXX.		
233	002160	03 FORM-MCC	PIC XXX.		
284	002170	03 INT-TRANS-DATE	PIC 9(6)	COMP-3.	
285	002180	03 рств	PIC 9(6)	COMP-3.	
296	002190	03 D-0-ACT	PIC 9(6)	COMP-3.	

HMF MATCH	:																							
AUTOFLOW CHART SET - SRS		x.	XX.	xx.	xx.	х.	9(6) CONP-3.	xxx.	9(6) COMP-3.				20 TIMES.	x(4).	9(6) COMP-3.			10 TIMES.	×.	x.	9(6) COMP-3.			
AUTOFI	CONTENTS	REASON-CODE PIC	TOUR-COMT-FAC PIC	PCS-C0ST-C0 PIC	TRAINEE-FLG PIC	REASON-FLAG PIC	LAST-DATE-DET PIC	GEO-LOC-CODE PIC	GEO-DCT8 PIC	SLACK-BYTES PIC X.	1 NUMBER 12.	8 BYTES.	OCCURS 1 TO	PRIMARY-MOS PIC	MOS-DATE PIC	002340* BONUS IS AREA NUMBER 13.	6 BYTES.	OCCURS O TO	SRB-BON-TYPE PIC	ZONE PIC	BONUS-DATE PIC		AREAS	RE14.
ISTING		0 03	0 03	03	0 03	0 03	0 03	0 03	0 03	03	002290* MOS IS AREA NUMBER 12.	002300* LENGTH 15	0 02 MOS	0 03	0 03	O+ BONUS IS A	002350* LENGTH 15	0 02 BONUS	0 03	0 03	0 03	••	002410* TWO SPARE AREAS	0 02 SPARE14
INPUT LISTING	:	002200	002210	002220	002230	002240	002250	002260	002270	002280	00229	00230	002310	002320	002330	00234	00235	002360	002370	002380	002390	002400	00241	002420
91/91/	CARD NO	227	283	283	290	291	292	253	29.4	255	236	297	238	299	300	301	302	303	304	305	308	307	303	203

HMF MATCH	::				06200000	00000000	00000810	00000820	00000000	00000840	000000820	00000000	00000000	00000000	06900000	00600000	00000010	00000350	00000000	00000940	00000000	09600000	00000000	03600000
AUTOFLOW CHART SET - SRS	CONTENTS	03 FILLER PIC X.	02 SPARE15.	03 FILLER PIC X.	EJECT		PROCEDURE DIVISION.		START-UP.	PERFORM OPEN-ROUTINE THRU OPEN-ROUTINE-END.		COMPARE-FILES.	IF MID OF FIXED = MID OF HWF01080	THEN PERFORM SPCL-UP THRU SPCL-UP-END	PERFORM HMF-READ THRU HMF-READ-END	PERFORM SRS-CHG-OUT THRU SRS-CHG-OUT-END	PERFORM SRS-READ THRU SRS-READ-END	ADD 1 TO MICH-CIR	GO TO COMPARE-FILES.	IF MID OF FIXED < MID OF HIFD1080	THEN IF ACT-INACT-FLAG = 1	THEN MOVE 3 TO ACT-INACT-FLAG	MOVE 780300 TO LAST-CHG-DATE	MOVE AREA-COUNT (4) TO SUB
INPUT LISTING	:	002430	002440	002450		•	PRO	•	STAI			МОЭ												
6/78	ON ON	310	31.1	312		313	314	315	316	317	318	319	320	321	322	323	32.4	325	326	327	323	329	330	331

							•																	
HMF MATCH	:	06500000(000100000	00001010	00001020	00001030	00001040	00001020	00001060	00001000	00001080	06010000	000011000	00001110	00001120	00001130	00001140	00001150	00001160	00001170	00001180	00001190	00001200	00001210
AUTOFLON CHART SET - SRS HA	CONTENTS	MOVE LAST-CHG-DATE TO SEPARATION-DT (SUB)00000990	PERFORM SRS-CHG-OUT THRU SRS-CHG-OUT-ENDODODIOOD	PERFORM SRS-READ THRU SRS-READ-END	ELSE PERFORM SRS-CHG-OUT THRU SRS-CHG-CUT-END 00001020	PERFORM SRS-READ THRU SRS-READ-END	ELSE MOVE SRS-HIST-REC TO TEMP-SRS	MOVE SPACES TO SRS-HIST-REC	PERFORM HMF-MOVE THRU HMF-MOVE-END	PERFORM SRS-OUT THRU SRS-OUT-END	MOVE TEMP-SRS TO SRS-HIST-REC	PERFORM HMF-READ THRU HMF-READ-END.	TO COMPARE-FILES.			TINE.	INPUT HMF-MASTER.	OUTPUT EOU-DISPLAY.		ZERO TO HMF-CTR, SRS-CTR.	ZERO TO NEW-CTR, FLG-CHG-CTR.	ZERO TO MICH-CIR.	ZERO TO OTHER-SVC-CTR.	ZERO TO SEP-CTR.
(2)							ELS						00 10	EJECT		OPEN-ROUTINE.	OPEN I	OPEN O		MOVE Z	MOVE Z	MOVE Z	MOVE Z	MOVE Z
INPUT LISTING	:															OPE							001020	001030
87/91/01	CA80 NO	332	333	334	900	336	337	338	939	340	341	342	343		344	345	346	347	343	349	350	1351	352	353

HMF MATCH	:	00001220	00001230	00001240	00001250	00001260	00001270	00001280	00001290	00001300	00001310	00001320	00001330	00001340	00001350	00001360	00001370	00001380	. 00001390	00001400	00001410	00001420	00001430	00001440	
ING AUTOFLOW CHART SET - SRS	CONTENTS	MOVE ZERO TO ABEND-SWITCH.		MOVE LOW-VALUES TO OLD-HMF-SSN, OLD-SRS-SSN.	PERFORM HMF-READ THRU HMF-READ-END.	PERFORM SRS-READ THRU SRS-READ-END.	OPEN-ROUTINE-END. EXIT.	001200 HIFF-READ.	READ HMF-MASTER, AT END	GO TO MASTER-END-CHECK.	MOVE MID OF HMF01080 TO WORK-MID.	IF SERVICE-CODE NOT = '0' GO TO SKP-SEQ-CHK.	IF OLD-HMF-SSN IS POT < WORK-SSN	THEN MOVE 1 TO ABEND-SWITCH	PERFORM END-OF-JOB.	MOVE WORK-SSN TO OLD-HMF-SSN.	SKP-SEQ-CHK.	ADD 1 TO HMF-CTR.	IF SERVICE-CODE NOT = '0', ADD 1 TO OTHER-SVC-CTR.	GO TO HMF-READ.	IF UD-REC-ST = 'E' ADD 1 TO SEP-CTR.	001350 HMF-READ-END. EXIT.	001360 MASTER-END-CHECK.	IF MID OF FIXED = HIGH-VALUES	
INPUT LISTING	•	001100	•				•	001200 H	001210	001220	001230			001250	001260		G	001280	001290	001300		001350 1	001360 M		
10/16/78	CARD NO	354	328	80 50	. 357	358	598	360	361	362	363	364	365	366	367	368	369	370	37.1	372	373	374	375	376	

HMF MATCH	:	00001450	00001460	00001470	00001480	00001490	00001200	00001510	00001520	00001530	00001540	00001550	00001560	00001570	00001580	00001590	00001600	00001610	00001620	00001630	00001640	00001650	00001660	00001670	
AUTOFLOW CHART SET - SRS HME	CONTENTS	THEN PERFORM END-OF-JOB	ELSE MOVE HIGH-VALUES TO MID OF HMF01080.	GO TO HMF-READ-END.				SPACES TO SRS-HIST-REC.	. 'READER' USING FIXED. SCORES,	MILITARY-EDUCATION (1).	ENLISTMENT (1), EXTENSION (1), GRADES (1),	UA-SHORT (1), UA-LONG (1), DESERTION (1),	TRANSFERS (1), TURBULENCE (1), MOS (1), BONUS (1),	SPARE14, SPARE15, EOF.	EOF = '1' GO TO SRS-END-CHECK.	MOVE MID OF SRS-HIST-REC TO WORK-MID.	OLD-SRS-SSN IS FOT < WORK-SSN	THEN MOVE 3 TO ABEND-SWITCH	PERFORM END-OF-JOB.	WORK-SSN TO OLD-SRS-SSN.	1 TO SRS-CTR.	-END. EXIT.		CHECK.	
INPUT LISTING				400	410 EJECT		SRS-READ.	MOVE	CALL					4	IF B	MOVE	11			MOVE	ADD	SRS-READ-END.		SRS-END-CHECK.	
INPUT	* * *	001380	001390	001400	. 001410																				
10/16/78	CARD NO	377	378	379		380	361	262	383	38.4	388	386	387	e3 99 99 99	389	330	361	352	393	39.	99.00	396	28.2	398	

HMF MATCH	•	00001680	00001690	00001700	.00001710	00001720	00001730	00001740	00001750	00001760	00001770	00001780	00001790	00001800	00001810	00001820	00001830	00001840	00001850	00001860	00001870	00001880	00001690	00001900
AUTOFLOW CHART SET - SRS	CONTENTS	IF MID OF HMF01080 = HIGH-VALUES	THEN PERFORM END-OF-JOB	ELSE MOVE HIGH-VALUES TO MID OF FIXED	GO TO SRS-READ-END.		EJECT	SRS-CHG-OUT.	CALL 'WRITCH' USING FIXED. SCORES.	MILITARY-EDUCATION (1).	ENLISTMENT (1), EXTENSION (1), GRADES (1),	UA-SHORT (1), UA-LONG (1), DESERTION (1),	TRANSFERS (1), TURBULENCE (1), MOS (1), BONUS (1),	SPARE14. SPARE15.	ADD 1 TO FLG-CHG-CTR.	SRS-CHG-OUT-END. EXIT.		SRS-OUT.	CALL 'WRITER' USING FIXED, SCORES, MILITARY-EDUCATION (1).	ENLISTMENT (1), EXTENSION (1), GRADES (1),	UA-SHORT (1), UA-LONG (1), DESERTION (1),	TRANSFERS (1), TURBULENCE (1), MOS (1), BONUS (1),	SPARE14, SPARE15.	ADD 1 TO NEW-CTR.
INPUT LISTING	:					•							•				•		003670	003680	069600	003700	. 003710	
87/91/01	CARO NO	565	400	401	402	403		404	405	406	407	408	400	410	411	412	413	414	415	416	417	418	419	420

CONTENTS SRS-OUT-END. EXIT. SPCL-UP. MOVE DMOS OF HMF01080 TO BILLET-NOS OF FIXED MOVE CIV-ED-VRS OF HMF01080 TO BILLET-NOS OF FIXED MOVE CIV-ED-CURR MOVE CIV-ED-CURR MOVE TATIAL-STAT OF HMF01080 TO NUM-DEP-CURR OF FIXED MOVE TATIAL-STAT OF HMF01080 TO NUM-DEP-CURR OF FIXED MOVE THILLSTAT OF HMF01080 TO RACE OF HMF01080 TO SEX MOVE BACE MOVE THILLSTATE OF HMF01080 TO HOME-STATE OF HMF01080 TO AFADBD OF HMF01080 TO AF

HMF MATCH	***	00002140	00002150	00002160	00000170	00002180	00002190	00002200	00002210	00002220	00002230	00002240	00002250	00002260	00002270	00002280	00002290	00002300	00002310	00002320	00002330	00002340	00002350	00002360
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	ELSE	IF GRADE OF SRS-HIST-REC (I) > 'E9 ' THEN	ADD 1 TO J	MOVE J TO AREA-COUNT (6)	ELSE GO TO SPCL-UP-END.	RVVV.	MOVE GRADE OF SRS-HIST-REC (1) TO	GRADE OF SRS-HIST-REC (J)	MOVE DATE-OF-RANK OF SRS-HIST-REC (I) TO	DATE-OF-RANK OF SRS-HIST-REC (U)	SUBTRACT 1 FROM 1. J	IF I = 0 THEN GO TO MVVE	ELSE GO TO MVVV.	MVVE.	MOVE DOR-FST-CMC OF HMF01080 TO DATE-OF-RANK OF	SRS-HIST-REC (1).	MOVE 'DFC' TO GRADE OF	SRS-HIST-REC (1).	SPCL-UP-END. EXIT.	001170 ZERO-AREA-COUNT.	001180 MOVE ZERO TO AREA-COUNT (LOOP-INDEX).	002640 EJECT	001420 HMF-MOVE.
87/91/0	CARD NO	444	445	446	4.17	445	2000	450	451	452	483	454	455	456	457	458	459	460	461	462	463	464		465

	:	00	10	20	30	40	20	09	02	08	06	00	. 01	20	30	40	20	09	02	08	06	00	10	20
HMF MATCH	:	OF FIXED.00002600	.000026	FIXED.00002620	F1XED.00002630	FIXED.00002640	OF FIXED.00002650	OF FIXED.00002660	FIXED.00002670	.000026	00002690	00002700	00002710	00002720	00002730	00002740	00002750	00002760	00002770	00002780	00002750	00002800	00002810	00002820
			DATE-OF-BIRTH OF FIXED.00002610	OF FIXE	90	OF FIXE			0 6	LAST-CHG-DATE OF FIXED.00002680	SOURCE-OF-ENTRY (1).	DO-ENLISTMENT (1).	LNG-ENLISTMENT (1).	COMPONENT - CODE (1).		DATE-OF-RANK (1).				BEGIN-DATE (1).	PRIMARY-MOS (1).	: (1).	TUS OF FIXED	0 OF
		HOME-COUNTY	DATE-OF-	AFADBD	ACTUAL-EAS	PEBD	CITIZENSHIP	PROG-ENL-FOR	BILLET-MOS	LAST-CHO	SOURCE-C	DO-ENLIS	LNG-ENL	COMPONE	GRADE (1).	DATE-0F	FMCC (1).	PMCC (1):	RUC (1).	BEGIN-DA	PRIMARY	MOS-DATE (1).	ITAL - STAT	YEARS-ED OF
2		10	0	5	10	10	10	10	10	0	10	5	10	5	0	10	5	10	10	10	10	10	WAR C	0
	CONTENTS	HMF01080	HMF01080	HMF01080	OF HMF01080 TO	HMF01080	HMF01080	HMF01080	HMF01080	HMF01080	HMF01080	HMF01080	HMF01080	HMF01080	HMF01080	HMF01080	HMF01030	HMF01080	HMF01080	HMF01080	HMF01080		MF01080 TC	HMF01080
		OF	OF	90	٥	OF	OF	OF	OF	OF	OF	OF	90	9	OF	90	OF	9	OF	90	0.0		OF H	90
		HOME-CITY	DO-818TH	AFAD-8D	ECC-DIE	PEBD	C11-S1	PROG-ENL-FOR	DMOS	TR-DIE	CUR-SORS-ENT	DO-ENL-ACC	LEN-0-ENL	COMP - CODE	PRES-GRD	PRES-DOR	FORM-MCC	PRES-MCC	PRES-RUC	DAT-CTB	PMOS	ZEROS	MOVE MARITAL-STAT OF HMF01080 TO MARITAL-STATUS OF FIXED	CIV-ED-YRS
		MOVE	MOVE	NOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE
	:	001560	001570	001580		001600	001610	001620	001630	001640	001650	001660	001670	001680	069100	001100	001710	001720	001730	001740	001750	001160		001780
91/01/01	CARD NO	480	490	491	492	493	434	495	496	437	438	499	500	501	502	503	504	503	905	207	909	200	510	511

HMF MATCH	:	00002830	00002840	00002850	00002860	00002370	00002880	00002890	00002900	00002910	00002920	00002930	00002940	00002950	00002350	00002970	00002980	00002990	00000000	00003010	00003050	00003030	00003040	00003020	
AUTOFLO. CHART SET - SRS HM	CONTENTS	CIV-ED-ENTRY.	CIV-ED-LVL OF HMF01080 TO DEGREE OF	CIV-ED-ENTRY.	CIV-ED-YRS OF HMF01080 TO YEARS-ED OF	CIV-ED-CURR.	CIV-ED-LVL OF HMF01080 TO DEGREE OF	CIV-ED-CURR.	'2' TO HMF-SRC-FLAG.	'1' TO ACT-INACT-FLAG.	AFAD-BD OF HMF01080 TO COHORT-DATE.	11 TO RAMS-NEED-FLAG.	SPACES TO SEPARATION-CD (1).	SPACES TO REELLINDIC (1).	ZEROS TO SEPARATION-DT (1).	- END.		oe.	DISPLAY 'END OF JOB ELCOUNTERED'.	'CLOSER'.	CLOSCH'.	'STATISTICAL RETRIEVAL SYSTEM' TO TOP-INFO.	E EOU-DISPLAY-REC FROM TOP-LINES AFTER ADVANCING	TO-NEW-PAGE.	
o			MOVE		MOVE		MOVE		MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	HMF - MOVE - END	EJECT	END-0F-JOB.	DISPL	CALL	CALL	MOVE	WRITE		
INPUT LISTING	:	001790	001800	001810	001820	001830	001840	001850	001360			001880	001890	001900	01910	HWF	001920	001930 END	001940	001950		001990	002000	002010	
10/16/78	CARE NO	512	513	514	515	516	517	318	010	520	521	522	523	524	525	526		527	528	529	0830	531	50.00	533	

AUTOFLOW CHART SET - SRS HMF MATCH	. *	, TO TOP-INFO. 00003060	LINES AFTER 00003070	2 LINES. 00003080	06020000	00003100	TOP-LINES AFTER ADVANCING 00003110	2 LINES. 00003120	00003130	OF JOB ' TO 00003140	TOP-INFO 00003150	FROM TOP-LINES AFTER 00003160	ING 5 LINES 00003170	END *** ' TO 00003180	TOP-INFO 00003190	FROM TOP-LINES AFTER 00003200	ING 5 LINES 00003210	ERROR ** ' TO 00003220	TOP-INFO 00003230	FROM TOP-LINES AFTER 00003240	1NG 3 LINES 00003250	00003260	*** MASTER FILE *** ' 00003270	00003280
	CONTENTS	MOVE ' FILE VALIDATION	WRITE EOJ-DISPLAY-REC FROM TOP-LINES		MOVE, CURRENT-DATE TO CUR-DAT.	MOVE DATE-LINE TO TOP-INFO.	WRITE EOJ-DISPLAY-REC FROM TOP-		IF ABEND-SWITCH = 0	THEN MOVE ' NORMAL END		WRITE EOU-DISPLAY-REC	ADVANCING	ELSE MOVE ' ** ABNORMAL		WRITE EOU-DISPLAY-REC	ADVANCING	MOVE ' ** SEQUENCE ERROR		WRITE EGJ-DISPLAY-REC FROM	ADVANCING	IF ABEND-SMITCH = 1	THEN MOVE "	TO TOP-INFO
INPUT LISTING	:	0 2 20	002030	002040	002050	002060	002010	002080	002080	002100	002110	002120	. 002130	002140	002150	002160	002170	002150	002150	002200	002210	002220	002230	002240
10/16/73	CARD NO	534	533	936	537	536	539	5.40	541	542	543	544	545	548	547	548	549	550	551	552	553	35.4	999	929

HMF MATCH	:	00003290	00003300	00003310	00003320	00003330	00003340	.00003350	00003360	00003370	00003380	.00003390	00003400	00003410	LINES. 00003420	.00003430	00003440	00003450	00003460	.00003470	00003480	00003490	00003500	.00003510
AUTOFLO, CHART SET - SRS	CONTENTS	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER	ADVANCING 2 LINES	ELSE MOVE ' *** SRS FILE ***	OPNI-NOT CT	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER	ADVANCING 2 LINES.	MOVE 'NUMBER OF MASTER FILE RECORDS READ ' TO LOW-INFO.00003350	MOVE HMF-CTR TO LOW-NUM.	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING	S LINES.	MOVE 'NUMBER OF NON-MARINES IN MASTER FILE' TO LOW-INFO.00003390	MOVE OTHER-SVC-CTR TO LOW-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING	2 LINES.	MOVE 'NUMBER OF RECORDS IN SEPARATED STATUS' TO LOW-INFO.00003430	MOVE SEP-CTR TO LOW-NUM.	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING	2 LINES.	MOVE 'NUMBER OF SRS FILE RECORDS READ ' TO LOW-INFO.00003470	MOVE SRS-CTR TO LOW-NUM.	WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING	3 LINES.	MOVE 'NUMBER OF SRS RECORDS CREATED ' TO LOW-INFO.00003510
INPUT LISTING	:	002250	002260	002270	002280	002280	002300	002310	002320	002330	002340	002350	002360	002370	002380	002390	002400	002410	005420	002470	002480	002490	002500	002550
10/16/78	CARD NO	557	933	699	560	561	562	563	564	563	566	292	568	699	570	571	572	573	574	575	576	577	878	579

0

- SRS HMF MATCH	***	00003250	ADVANCING 00003530	4 LINES, 00003540	' TO LOW-INFO.00003550	00003280	ADVANCING 00003570	2 LINES. 00003580	00003280	00003600	00003610	00003620	
AUTOFLOW CHART SET - SRS	CONTENTS	MOVE NEW-CTR TO LOW-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING		MOVE 'NUMBER OF CHAMGED SRS RECORDS	MOVE FLG-CHG-CTR TO LOW-NUM.	EOU-DISPLAY-REC FROM LOW-LINES AFTER		DISPLAY 'NUMBER MATCHED = ' MTCH-CTR.	HMF - MASTER,	CLOSE EOU-DISPLAY.	RUN.	
INPUT LISTING	:	002560 MOVE	002570 WRITE	002580	002510 MOVE	002520 MOVE	002530 WRITE	002540	DISPL	CLOSE	CLOSE	002630 STOP RUN.	
1/16/78	CAPD NO	530	551	582	5533	89 77	500	300	283	598	689	290	

3.12.4 Flowchart. The following chart is an AUTOFLOW charting of the SRSVHMF logic.

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COMPARE-FILES

	i (000324) I	I I I PERFORM I II I SRS-CHG-OUT I I I I SRS-CHG-OUT I I I OI THROUGH I OI	I I SRS-CHG- I I OUT-END I	I (000325) I 07	I SRS-READ I .I I IO I THROUGH I OI I I SRS-READ . I 3I I I I SRS-READ . I 3I I I I SRS-READ . I 3I	(000326) I 08	I ADD MTCH-CTR I	. 1.03.
	I (000322) I 04	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I (000323) I 05	I PERFORM I HMF-READ I THROUGH I	I I HMF-READ- I 6I I I END I I I ********************************	+		
	COMPARE-FILES	РАКАСКАРН 1 1 (000321) • 03	MID OF NO FIXED = MID *-+	IYES 2.				
/ (000315) /	PROGRAM-ID	SRSVHMF	/ (216000) /	I STERFUR PARAGRAPH I	(0003) 1 02	14 1 PERFORM 1 41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	I I ROUTINE-END I I	

À	(000336) I 03	1. I SRS-CHG-OUT I .I 10 I THROUGH I 0I 14 I SRS-CHG- I 2I I I OUT-END I I I I OUT-END I I I I 000337) I 04	1 1 PERFORM 1 91 1 1 1 1 1 2 1 2 1 1 1 1 1 2 1 2 1	
I (000329) 7 02 NO	* FLAG = 1	IYES	/ 3.01	
01.03>I 01.03>I 01.03>I 01 I 01 I	100 HMF01080* I	IYES 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

HMF MATCH

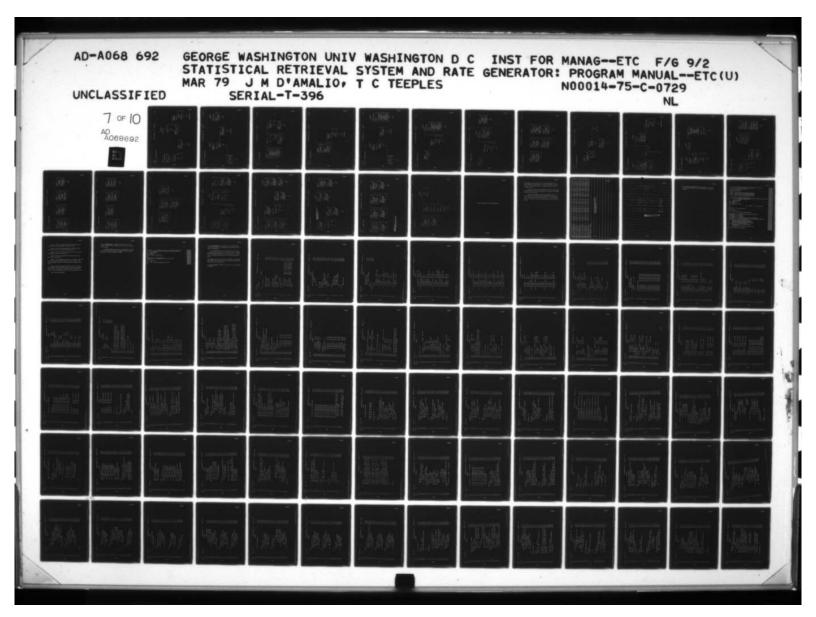
	1 (000341) 1 06	-	I II PERFORM I 2I	3 I SR	•	1 (000342) 1 07		I I TEMP-SRS TO I	I SRS-HIST-REC I			I (000343) I 08	· · · · · · · · · · · · · · · · · · ·	I I MOUSES I I		I THROUGH I	1 I HMF-READ- I	I I END I I		02.04*>1	60 I	::	. 1.03.		COMPARE-FILES	
/ (000338) /	02.01>1	I MOVE I SPS-HIST-REC TO I	I TEMP-SRS I	I SPACES TO I		I (000340)		IG I PERFORM I 11		THROUGH	I END I	***************************************		1												
														(000335) I 03	1		I SRS-READ I	IO I THROUGH I OI	I SAS READ I	*************************				3.09		
	02.02>1 (000320) I 01	1 MOVE 1 1	I ACT-INACT-FLAG I	1 780303 TO 1	1 AREA-COUNT (4) TO I	I SUB I	I LASTCHS-DATE TO I	I (SUB) I		-	(000334) 1 02	***************************************	1	IO I PERFORM I II I		-	I I CONT-END I I	***		+						

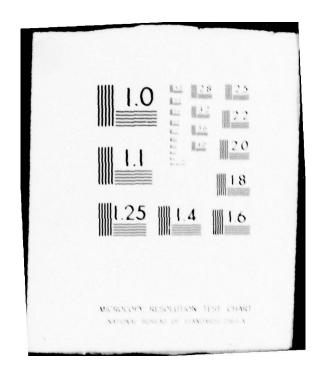
HMF-READ

/ (000346) /

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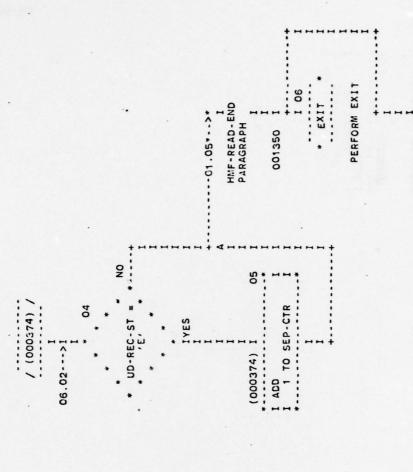




MASTER - END - CHECK

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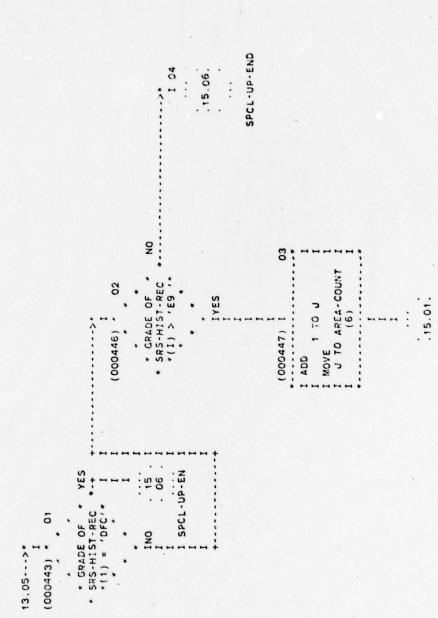
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05.07*>1		
/ 002630		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

Pages 583 through 590 left blank intentionally.

3.12.5 Output. There are two output files from this program. One is a file consisting of new SRS records, i.e., those records which were on the HMF file but not on the SRS history file output from step 10. This file is output onto disk.

The other file output by this program consists of the records which matched the HMF file and those which had their active/inactive flag changed. This file is output onto tape.

A sample of the printer output for program SRSVHMF follows. The first page is a list of identification information for the records which were on the HMF file but not on the SRS history file. This is followed by a count of the number of records on the SRS history file which matched the HMF file.

	10000	TATE	1	1.44	14.00	1-
	1 1 1 1 1 1	1 1 1 1 1 1 1			11.0	
MHD # COCHADAGAGAILEICKI	1 1 1 1 2 2 3	DITY STATE .			770106	: 1
11	STATE	1 1 1 1 5	A TAR		7706	1 3000
- 0105 625 400pFuerTT	444	TATA	VUI.	1.4.1.0	7001	11
	11	5	APF			rn
11	ł	TAI =	1.	١.	78.01	ברניטנ ב ז
# 02±4	7 = 11187¢	A. I.A.			7706	11
11	GEC-STAT # 1	- TATK-	GDANT = 111		7703	11
11	1718-3	E TATE	1:	16.3-6-	7706	
11	TATE-	- STAT =	الدو =		7801	
= 030 51 57 55 5 1 HIT	TATE	STAT	11	1,16	- 76n203	-
= 0344550332 488H TI	11	STAT =	E JUV		7712	. 1
11	-517.1	TVTS-	ADE		7710	E:
11	Late	STAT =	ANF .	1.13-0-	7700	11
11	-	STAT =	11		7210	<u>ر</u> ا
Ħ	-	TATS-	YUN		7716	COMPTONE = 11
C	-STAT	E TATE	-	-0-FP1.	76.01	L Ii
0.000			COANF = ES	7-0-E3I.	7710	~
7 50						
NUMBER MATCHED = 226148						
- 59		THIS PAGE IS BEST QUALITY PRACTICABLE	LITY PRACTICABLE			
)2		SKOR COLY FORMISHED TO DUC	יים מחל סו			

						rm-
						604
						423
(
)

STATISTICAL RUBIRION SYCIES

FILE VALIDATION

07/25/75

MORNAL END OF JOB

time of the	OF	MASTER FILE OFCORRS SEAN	=	231.925
VIII + FF	nE.	CON-EVOLUES IN SECTES FILE	=	5.758
with the ti	OF	PECOPOR IN SEPARATES STATIS	=	32.390
145.050	OF_	SRC CILE RECORDS SEAD	3	493.539
work of	- GF	SAS RECORDS CREVIED	=	19
ng estra	0E	CHANGED SAS HECHORS	=	493.539

THIS PAGE IS BEST QUALITY PRACTICABLE

3.12.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution.

TM-60423

```
//15719181 JOB (701R.MPI3).*MATCH HMF*.TYPRUN=HOLD.TIME=(60)
                                                                          01000000
//J _ IB DD DSN=HQMC1.MPI.LGADLIB,DISP=SHR
                                                                          00000020
   EXEC PGM=IEHPROGM.REGION=80K
                                                                          00000030
//SYSPRINT DD SYSOUT=A
                                                                          00000040
//SYSOUT DD SYSOUT=A
                                                                          00000050
//SYSIN DD *
                                                                          00000060
UNCATLG DSNAME=HOMC1.MPI2.C1080.SRS.PNEW7703
                                                                          00000070
UNCATLG DSNAME=HOMCI.MPI2.C1080.SFS.PNEW7803
                                                                          00000080
UNCATLG DSNAME=HQMC1-MPI2-C1080-SFS-PCHG7703
                                                                          00000090
UNCATEG DSNAME=HOMC1.MPI2.C1080.SRS.PCHG7803
                                                                          00000100
1:
                                                                          00000110
11
   EXEC LCOBUCLG, CFF=MPI1. SECT=RETRV,
                                                                          00000120
   PARM.COB=(LIB,NODECK,LOAD,NODMAP,NOPMAP,SUPMAP,NOXREF,STATE,SXREF.
11
                                                                          00000130
11
               *SIZE=114K*, *BUF=16K*).
                                                                          00000140
11
      REGION.LKED=90K.
                                                                          00000150
11
      REGION.GO=150K
                                                                          00000160
//LIB.SYSIN DD #
                                                                          00000170
-GPT
     NOLIST
                                                                          00000180
-SEL
     SRSVHMF.GCCD, EXEC
                                                                          00000190
-REP
      970
                                                                          00000200
                               MOVE 780300 TC LAST-CHG-DATE
                                                                          00000210
-END
                                                                          00000220
14
                                                                          00000230
//COB.SYSIN DD DSN=EELIBTEMP
                                                                          00000240
                                                                          00000250
//LKED.SYSLIB DD
                                                                          00000260
11()
                                                                          00000273
11
      DD DSN=HQMC1.AP12.MMSLIB.DISP=SHR
                                                                          00000280
14
                                                                          00000290
//GO.SYSPRINT DD SYSOUT=A,DCE=(RECFM=UA,BLKSIZE=133)
                                                                          00000300
//GC.SYSOUT
              DD SYSCUT=A
                                                                          00000310
//GO.SYSUDUMP DD SYSCUT=A
                                                                          00000320
//GO.SYSDBOUT DD SYSOUT=A
                                                                          00000330
//GO.INPUT DD DISP=OLD.DSN=HOMC1.MPI2.C1080.SRSM7803
                                                                          00000340
//GO.MASTFILE DD DISP=OLD,DSN=HQMC1.MD71.C5230.PM3HHQM.G7803V00
                                                                          00000350
//GO.OUTPUT DO DISP=(NEW.CATLG).
                                                                          00000360
                                                                          00000370
11
      DSN=HQMC1.MPI2.C1080.SRS.PNEW7803.
      UNIT=3330.SPACE=(TRK,(100,10).RLSE),
                                                                          00000380
11
11
      DCE=(RECFM=V8.LRECL=6000.BLKSIZE=13030)
                                                                          00000390
//GO.OUTCHG DD DISP=(NEW.CATLG),
                                                                          00000400
      DSN=HQMC1.MPI2.C1080.SRS.PCHG7803.
                                                                          00000410
11
11
      UNIT=2400-3.
                                                                          00000420
      DCB={RECFM=VB,LRECL=6000.8LKSIZE=13030}
                                                                          00000430
11
                                                                          00000440
14
// EXEC IELEASE . PARM= 15719191
                                                                          00000450
11
                                                                          00000460
```

- Note 1. The DSN in the uncatalog statement (line 80) should be the same as the DSN in the OUTPUT DD statement (line 370).
- Note 2. The DSN in the uncatalog statement (line 100) should be the same as the DSN in the OUTCHG DD statement (line 410).
- Note 3. The DSN in the INPUT DD statement (line 340) is the name of the SRS history file output by step 10.
- Note 4. The DSN in the MASTFILE DD statement (line 350) is the name of the current HMF file.
- Note 5. For each subsequent SRS System run, the DSNs in lines 70, 80, 90, 100, 340, 370 and 410 should be changed to reflect a new date. This is done by adding three months to the "date portion" of the DSNs on these lines.
- Note 6. For each subsequent SRS System run the date in the MOVE card on line 210 should be changed to reflect the date of the current HMF file (line 350). For example, the date portion of line 210 now reads "78030". For the next SRS System run this card should be changed to read:

MOVE 780600 TO LAST-CHG-DATE.

3.12.7 Program Maintenance. Although the major field used in this program is the MID field, the comments made in Section 3.10.7 also apply to this program.

If program changes are necessary, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit and replace the original load module in LOADLIB.

//15703102 JOB (601R,MPI2), COMP & LKED SRSVHMF*, TIME=(01.00)	00000010
// EXEC LCOBUCL.OFF=MPI1.SECT=RETRV.LLIB=LCADLIB.ROGM=MPI.	00000000
// LMEM=SRSVHMF	00000030
//LIB.SYSIN DO *	00000040
-OPT NOLIST	00000050
-SEL SRSVHMF.GCCD.RESEQ.EXEC	-00000060
-END	00000070
/*	00000080
//COB.SYSIN DD DSN=&&LIBTEMP	00000090
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR	00000100
/*	00000110
//LKED.SYSLIB DD	00000120
// 00	00000130
// DD DSN=HQMC1.AP12.MMSLIB.DISP=SHR	00000140
/*	00000150
//	00000160

3.13.1 Program SRSUPDXX. This program matches the new SRS records created by step 12 (file B), the transaction errors output from step 10 and the current RAMS file.

If the new SRS record is on the transaction errors file then it is deleted from this file (since it is not really an error). The RAMS file gives additional information for the new SRS record (e.g. scores). A file of new updated SRS records and leftover transaction errors is output.

- 3.13.2 Input. There are three inputs to this program: a) the new SRS records output by step 12 (file B), b) the transaction errors output by step 10 and c) the current RAMS file.
- 3.13.3 Source Program. Following is a listing of the source statements for SRSUPDXX.

01/25/18	INPUT LISTING	AUTOFLON	CHA	AUTOFLOW CHART SET - SRS PF	PROCRUSTEAN UPDATE
COBOL MODULE	(LIST.CHERT.PARM)				
CAPO NO	000	CONTENTS			į
	OPTION AUXLIST=YES				
	٠.				00000010
-	IDENTIFICATION DIVISION.				00000000
7	FROGRAM-1D. SRSUPDT.				00000000
m	AUTHOR. TOM TEEPLES.				0,0000000
4	DATE-CCMPILED.				00000000
S					09000000
w	ENVIRONNENT DIVISION.				00000000
	CONFIGURATION SECTION.				09700000
w	SOUFCE-COMPUTER. IBM-360-H65.				05000000
ā	OBJECT - COMPUTER. 18M-360-H65.				00000100
10	SPECIAL-NAMES.				00000110
11	CO1 IS TO-NEW-PAGE.				00000120
12	IMPUT-CUTPUT SECTION.				00000130
13	FILE-CONTROL.				00000140
14	SELECT EGJ-DISPLAY.	ASSIGN	0	UR-1403-S-SYSPRINT.	00000150
25	SELECT ERR-OUT-ST.	ASSIGN	10	UR-1403-5-ERRMESST.	00000160
16	SELECT RAMS-IN.	ASSIGN	10	UT-2400-S-RAMSFILE.	00000170
. 21	SELECT TRS-IN.	ASSIGN	5	UT-2400-S-STATFILE.	00000180
18	SELECT ERR-OUT-RAMS	A551GN	5	UR-1403-S-ERRMESRM.	00000190
61	SELECT TRS-ERR.	ASSIGN	5	UT-2400-S-STATERR.	00000500
20	I-O-CONTROL.				00000210

PROCRUSTEAN UPDATE		00000220	CC00023C	00000240	00000250	00000280	00000270	09000280	00000230	00500000	00000310	00000320	00000330	00000340	09200000	00000330	00000370	00000380	00000390	00000400	00000410	00000420	00000430	00000440
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	REFUN ON UT-24CO-S-SRSCKPT EVERY	100CO RECORDS	OF TRS-IN.	EJECT		DATA CIVISION.	FILE SECTION.	FD ERF-OUT-ST	LABEL RECORDS ARE OMITTED	RECORDING MODE IS F.	01 ERK-OUT-ST-REC.	03 FILLER PIC X(133).	EJECT		FD RAMS-IN	BLOCK CONTAINS O	RECORD CONTAINS 1200	LABEL RECORD STANDARD.	O1 RAMS-REC COPY RAMO1740.	EJECT		FD TRE-IN	BLOCK CONTAINS O
/25/78	CARD NO	. 21	22	23		24		26	27	26	29	30	6		32	33	34	35	36	37		38	39	40

PROCRUSTEAN UPDATE	•	00000450	00000460	00000470	00000480	000000000000000000000000000000000000000	00000200																	
AUTOFLOW CHART SET . SRS	CONTENTS	Q	STANDARD.	COPY TRS01080.					PIC XX.	PIC 59(6) COMP-3.	PIC X.	PIC x.	PIC x.	PIC X.	IN POSITION 11.	PIC X(10).	PIC X(3).	PIC x(3).	PIC X.	PIC x.	PIC X.	IN POSITION 30.	PIC X.	PIC X(3).
		RECORD CONTAINS 240	LABEL RECORDS STA	OI TRS-IN-REC COP		P-REC.		TRSUP.	03 TCC-JP	BO-ACTION-JP	3 TRANS-CODE	3 LEN-CUR-ENL	3 RACE - UP	3 SEX-UP	FIELD STARTS	3 MID-JP	3 INITS-UP	3 FILLER	B PRES-SP-RK-CD	3 PRO-PAY	3 CLA	FIELD STARTS	3 TRANS-FLAG	3 PRES-GRD-JP
INPUT LISTING	:	ä	3	0	EJECT	O1 TRS-JP-REC.	- INC SRSJP	02 16	0	03	60	03	60	60	· THE NEXT	03	63	03	60	60	03	· THE NEXT	03	03
07/25/78	CARD NO	14	42	43		44	44	45	95	47	48	67	20	16	. 25	53	54	55	99	57	88	65	9	19

PROCRUSTEAN UPDATE	ì																							
AUTOFLOW CHART SET - SRS		COMP - 3.		41.						COMP-3.			.09			COMP-3.	COMP-3.	.08		COMP-3.				
AUTOFLO	CONTENTS	PIC 59(6,	x(3).	IN POSITION	×	×	×.	×.	x(3).	(9)65	x(4).	PIC X(4).	IN POSITION	PIC x(6).	PIC X(6).	(9)65	(9)65	IN POSITION	PIC X(4).	(9)65	×	x(4).	x(5).	x(3).
	CO	PIC	910	N	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	N	PIC	PIC	PIC	PIC	IN P	PIC	PIC	PIC	PIC	PIC	PIC
		INT-TRANS-DT	SE0-100	FIELD STARTS	DREV-SP-PK-CD	OLD-PRO-PAY	OLD-CLA	OLD-TRANS-FLAG	PREV-GRD- JP	LAST-DATE-DICH	PREV-MOS	PMOS-JP	FIELD STARTS	OLD - EAS	EAS-ACTUAL-JP	SE0-DCT8-JP	PEBD-UP	FIELD STARTS	COMP-SCORE-JP	DAT-CTB-JP	FILLER	BMOS-UP	PRES-RUC.JP	PRES-MCC-JP
		03	03	NEXT	03	60	60	03	03	63	63	03	NEXT	03	03	63	03	NEXT	03	03	03	03	03	03
INPUT LISTING	:			. THE									THE .					. THE						
	0																							
37/C	CARD NO	62	53	6.5	92	99	57	69	69	70	11	72	73	74	75	27	77	78	79	80	9	82	83	94

AUTOFLOW CHART SET - SRS PROCRUSTEAN UPDATE		. 101.				110.					119.						131.			COMP-3.			4 141.
AUTOFLO	CONTENTS	IN POSITION	PIC XX.	PIC X(4).	PIC X(3).	IN POSITION	PIC X(3).	PIC XX.	PIC X(3).	PIC X.	IN POSITION	PIC XX.	PIC X.	PIC X(3).	PIC XX.	PIC X(4).	IN POSITION	PIC XX.	PIC X.	PIC 59(6)	PIC X.	PIC XX.	 IN POSITION 141.
		NEXT FIELD STARTS	TOUR-FAC	SOR-ENT	COMP-COD	FIELD STARTS	0-COMP-C	NUM-DEP-UP	SEP-CODE-JP	C-D-CDE-UP	NEXT FIELD STARTS	YRS-EDUC	EDUC-LEV	FORM-MCC-UP	CMBT-SVC	HOR-C	FIELD STARTS	HOR-S	STR-CAT	AFAD-80-JP	CAREER-F	FILLER	 FIELD STARTS
		NEXT	63	03	03	NEXT	03	03	03	03		03	03	03	03	03	NEXT	03	03	03	03	03	NEXT
INPUT LISTING	:	· THE				· THE					. THE						- THE						THE.
07/25/78	CAPD NO	98	98	87	89	68	06	16	95	93	94		96		86	66	100	101	102	103	104	105	106

PROCRUSTEAN UPDATE	į																							
AUTOFLOW CHART SET - SRS	CONTENTS	PIC X(3).	PIC x.	PIC X.	PIC X.	PIC X.	IN POSITION 150.	PIC x(20).	PIC x(10).	IN POSITION 180.	PIC S9(6) COMP-3.	PIC x(4).	PIC XX.	PIC X(4).	PIC x.	PIC x(5).	IN POSITION 200.	PIC XX.	PIC X(13).	PIC X.	PIC XX	PIC x(3).	IN POSITION 221.	PIC XX.
		UC - NUM	FILLER	DUTY-ST	CAS-ST	UD-REC-ST-JP	FIELD STARTS	NAME - UP	FILLER	FIELD STARTS	DO-ENL	FILLER	CIT-CNTR	FILLER	ETHNIC-JP	FILLER	FIELD STARTS	P-CH-STA	FILLER	MAR-STAT	FILLER	TTC-JP	FIELD STARTS	GT-GCT-S
INPUT LISTING	ï	03	03	03	60	. 03	. THE NEXT	63	60	* THE NEXT	03	03	03	. 03	03	03	* THE NEXT	03	03		03	03	* THE NEXT	03
7/23/78	CA GP AO	108	109	110		112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130

PROCRUSTEAN UPDATE	:								00000510	000000250	00000030	00000540	0900000	00000860	00000570	00000280	000000000	00900000	0000000	00000620	00000630	00000640	00000000	0000000	
AUTOFLOW CHART SET - SRS	CONTENTS	PIC X.	PIC X(7).	IN POSITION 231.	PIC XX.	PIC X.	PIC \$9(6) COMP-3.	PIC X(3).				OMITTED	·		X(133).		OMITTED	ŭ		X(133).					
LISTING		03 D-TEST-F	03 FILLER	THE NEXT FIELD STARTS	03 TRA-STAT	03 TOUR-SEO	03 CYC-DATE	03 CYC-NUM	EJECT		FD EOU-DISPLAY	LABEL RECORDS ARE	RECORDING MODE IS	01 EOU-DISPLAY-REC.	03 FILLER PIC	FD ERR-OUT-RAMS	LABEL RECORDS ARE	RECORDING MODE IS	C1 ERE-OUT-RAMS-REC.	O3 FILLER PIC	EJECT		FD TRS-ERR	BLOCK CONTAINS O	
07/25/78 INPUT LI	CARD NO	131	132	133	134	135	136	137		138	139	140	141	. 142	143	144	145	146	147	941		149	150	151	

UP54:E																								
PROCRUSTEAN UPSA:E	i	00000670	00000000	06900000	000000100	00000010	00000720	00000730	000000140	00000150	00000760	00000110	00000180	06200000	00000000	00000810	00000820	00000830	00000840	00000850	00000860	00000870	00000080	06800000
AUTOFLOW CHART SET . SRS									-3.	-3.	-3.	.3.	.3.	.3.	.3.	.3.	-3.	-3.	-3.	-3.	-3.	.3.	.3.	.a.
AUTOFLOW	CONTENTS				40).				6) COMP-3.	6) COMP-3.	6) COMP-3	6) COMP-3.	6) COMP-3	6) COMP-3.	6) COMP-3.	6) COMP-3.	6) COMP-3.	6) COMP-3	6) COMP-3.	6) COMP-3	6) COMP-3.	6) COMP-3	6) COMP-3.	6) COMP-3
	3		STANDARD.		PIC X(240).				(9)65	(9)65	(9)65	(9)65	(9)65	(9)65	(9)68	(9)65	(9)68	(9)68	(9)68	(9)65	(9)68	(9)68	(9)68	(9)65
		240	STAN		PIC			ż	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC
97		RECORD CONTAINS	LABEL RECCROS	TRS-ERR-REC.	02 FILLER	EJECT		WORKING-STORAGE SECTION.	IN-HIST-CTR	OUT-HIST-CTR	IN-RAMS-CTR	RANS-MATCH-CTR	IN-STAT-CTR	ERR-STAT-CTR	DUP-CIR	DRCP-MED-CTR	DRC.P. ENL-CTR	DRCP-EXT-CTR	DRCP-GRD-CTR	DRCP-UAS-CTR	DRCP-UAL-CTR	DRCP-DES-CTR	DRC P - TRN - CTR .	DRCP-TUR-CTR
LISTING				ő				W.O.	11	11	77	11	11	77	11	77	11	11	2.2	11	11	11	11	11
INPUT L	:																							
/25/78	CARD NO	152	153	154	155		156	157	158	6.5	160	161	162	163	164	105	166	167.	168	169	170	171	172	173

JPDATE																								
PROCRUSTEAN UPDATE	:	00000000	01600000	000000350	02600000	00000840	05600000	09600000	0000000	09600900	06500000	000010000	00001010	00001020	00001030	00001040	0000:050	000010000	00001010	000010000	000010000	00001100	000001110	00001120
AUTOFLOW CHART SET - SRS	s	COMP-3.	COMP-3.	COMP-3.	COMP-3.				COMP-3.	COMP-3.	COMP-3.	COMP-3.	COMP-3.			COMP-3 OCCURS 15.								
AUTO	CONTENTS	(9)65	(9)65	(9)65	(9)65	.65	.63	.68	(9)65	(6)65	665	665	665	. 65		00 666	X(10).	X(10).	X(10).	×.		×.	×	xx.
		PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC	PIC		PIC	PIC	PIC	PIC	P1C		PIC	PIC	PIC
2		DRCP-MOS-CIR	DRCP - BON - CTR	ARCHI VE-CTR	AVG-REC-LEN	ABEND-SWITCH	ERROR-INIT-STAT	ERFOR-INIT-RAMS	REC-LEN	REC-LEN-TOTAL	LOCP - INDEX	LESS1	UGCTO	NEK-SW	LENGTH-TABLE.	03 NOMINAL-LEN	OLC-HIST-MID	OLD-RAMS-MID	OLC-STAT-MID	EOF	ERR-CODE.	03 ERR-LET	03 FILLER	03 ERR-NUM
INPUT LISTING	:	77	11	77	1.1	77	11	77	77	11	77	77	77	11	10		0	5	2	6	10			

202 203 200 200 200 200 200 200 200 200	01 03 03 03 03 03 03 03 03 03 03 03 03 03	DUF-ERR-CODE. O3 DUP-ERR-LET O3 DUP-ERR-NUM WOFK-TCC. O3 FIRST-LETTER O3 FILLER STAT-USED-FLAG TENP-SRS-REC. O3 FILLER CUF-DAT-X. O5 MM O5 FILLER O5 FILLER O5 FILLER O5 FILLER O5 FILLER O5 FILLER	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	XX.	00001130 0000114C 0000115C 0000115C 0000115C 00001130 00001200 00001200 00001200 0000125C 0000125C 0000125C 0000125C 0000125C
217	95	05 500		PIC 99.	00001330
219	0.1 WO				00001350

97/25/78	INPUT .IS	USTING			AUTOFLOW CHART SET - SRS	FROCRUSTEAN UPDATE
CARD NO	i				CCNTENTS	•
220			W-YY 20		PIC 99.	00001360
221			M-WW 50		PIC 99.	0000:370
222			M-00 50		PIC 99.	00001380
223		10	ARCHIVE-CHECK-DATE	PIC	S9(6) COMP-3.	00001390
224		5	DUMMY - DATE	PIC	9(6).	0000:400
225		0	ARCHIVE-WORK-DATE.			00001410
226			OS YY-ACD	PIC	.66	00001420
227		Ĭ	OS MM-ACD	PIC	.66	00001430
228			OS DD-ACD	PIC	.66	00001440
229		10	WOFK - DUTY - LIMIT.			00001450
230			03 DUTY-LIMIT-CODE		PIC X.	00001460
231			03 FILLER		PIC XX.	00001470
232		010	DEFOT-VALIDATE-FLAG		PIC 9.	00001480
233		10	DURATION-MONTHS		PIC 999.	0000;490
234		10	WORK - GRADE .			00001500
235			03 WK-GRD	PIC	xx.	00001510
236			03 FILLER	PIC	·×	00001520
237		01	OLE-GRADE.			00001530
238			05 FST-GRD-LETO	PIC	·×	00001540
239			OS FILLER	PIC	·×	00001550
240		5	NEW-GRADE.			00001560
241			05 FST-GRD-LETN	PIC	×.	00001570
242			OS FILLER	PIC	. ×	00001580

0000500 INSTRUCTION, EACH WITH APPROPRIATE PARAMETERS. 0000500 INSTRUCTION, EACH WITH APPROPRIATE PARAMETERS. 0000500 INSTRUCTION, EACH WITH APPROPRIATE PARAMETERS. 0000500 IT IN AN OUTPUT BUFFER READER LOCATES A HISTORY RECORD IN AN OUNDING SEGMENT STRUCTURES BELOW. 0000100 SEGMENT STRUCTURES BELOW. 00001100 OUTPUT BUFFER AND DISTRIBUTES THE SEGMENTS TO THE APPROPRIATE OUNDING SEGMENT STRUCTURES BELOW. 00001100 OUTPUT BUFFER AND STRUCTURES BELOW.	245 244 244 245 245 247 247 250
0000000 INIUT BUFFER AND DISTRIBUTES THE SEGMENTS TO THE APPROPRIATE 0000110** 0000110** 0000120** THE FIXED AREA IS AREA NUMBER 1. 0000130** 0000130** 0000130** 0000130** 0000150** 00000150** 00000150** 00000150** 0000000000	
0000130* THE FIXED AREA IS AREA NUMBER 1. COOT30* COOT50* IS 132 BYTES. COOT50* COOT	
000110° LENGTH IS 132 BYTES. 000150° 000150 01 SR\$-HIST-REC.	

0000170 000170 0000200 0000200 0000200 0000200 0000250 0000250 0000250 0000250 0000250 0000250 0000250
03 DATE-OF-BIRTH
03 PEBD 03 GRAD-SEP-DATE
03 GRAD-SEP-FLAG
03 MCC-ENLISTED
03 DUTY-LIMIT-ENTRY PIC
03 CITIZENSHIP
03 MARITAL-STATUS PIC
03 NUM-DEP-ENTRY PIC

PROCRUSTERN UPDATE	i																1,				JRDS.	4:	N N		
AUTOFLOW CHART SET - SRS	CCNTENTS										FOR SEC-EST, VISION. SPACE IS	FUTURE EXPANSION.			THE HMF-SRC-FLAG IS USED TO DENOTE THOSE RECORDS THAT WERE	CPEATED FOR THE INITIAL FILE. FLAG*! FOR ORIGINAL RECORDS,	R CREATION. NOTE THAT ORIGINAL	ENLISTMENT HISTORY.			THE ACT-INACT-FLAG WILL BE A 1 FOR ALL ACTIVE RECORDS.	BE MOVED IN EACH TIME THE ENLISTMENT AREA	RE-SET TO 1 FOR EACH		
	3	PIC X.		PIC XX.	PIC X.		PIC XX.	P1C X.		PIC XX.	SEC-ES	HERE FOR FUTURE	PIC XX.	PIC X(4).	USED TO	AL FILE.	DED AFTE	COMPLETE	PIC X.	PIC X.	WILL BE	IN EA	IT WILL BE	OPENED UP.	
9		03 NUM-DEP-CURR	03 CIV-ED-ENTRY.	05 YEARS-ED	OS DEGREE	03 CIV-ED-CURR.	US YEARS-ED	OS DEGREE	EVECT	03 PROG-ENL-FOR	FILLER INSERTED FOR	BEINC MAINTAINED HE	03 FILLER	03 BILLET-MOS	HE HMF-SRC-FLAG IS	PEATED FOR THE INITIA	FLAG=O FOR RECORDS ADDED AFTER CREATION.	RECOFDS MAY NOT HAVE COMPLETE ENLISTMENT HISTORY.	03 HMF-SRC-FLAG	03 ACT-INACT-FLAG PIC	HE ACT-INACT-FLAG	2 WILL	IS CLOSED OUT. IT	EULISTMENT AREA OPE	
INPUT , 15TING	:	000400	0.10410	000450	0:004:30	000440	000450	000450	000470	000430		000000	0.305.0	000020				0.30550 R	02000	0000230		000000		000620* E	
57/25/78	CARD NO	287	283	239	250	291	292	293		294	295	296	297	238	599	3,3	301	302	303	304	305	306	307	308	

6/78	INPUT . ISTING		AUTOFLOW CHART SET - SRS	PROCRUSTEAN UPDATE
ON 0	:	CON	CONTENTS	:
309	000630 C3 CO+0R1-DATE	-DATE PIC X(4).		
310	000640 03 RA	RAMS-NEED-FLAG PIC X.		
311	000650 03 NU	NUM-RAMS-FLAG REDEFINES RAMS-NEED-FLAG PIC	RAMS-NEED-FLAG PIC 9.	
312	000660 03 LA	LAST-CHG-DATE PIC 9(6)	9(6) COMP-3.	
313	000670" SLACK BY	TES ARE USED TO FO	000670" SLACK BYTES ARE USED TO FORCE EVEN-BYTE ADDRESS	
314	COOE39- BOUNDERY ALICNMENT.	ALIONMENT.		
315	0000630 03 51	03 SLACK-BYTE1 PIC X.		
	000700 EVECT			
316	300710* THE SCORE	000710" THE SCORES AREA IS AREA HUMBER 2.		
317	000720* LENGTH IS 96	S 96 BYTES.		
318	000730 C2 SCCRES.			
315	000740 03 AF	AFEE-SCORES.		
320	000750 05	AFEE-FORM-NUMBER	PIC XX.	
321	000760 05	AFEES.		
322	000170	07 AFEES-C-C0	PIC XXX.	
323	000730	07 AFEES-C-FA	PIC XXX.	
324	000730	07 AFEES-C-EL	PIC XXX.	
325	0008000	07 AFEES-C-OF	PIC XXX.	
326	000810	07 AFEES-C-GM	PIC XXX.	
327	000830	O7 AFEES-C-MM	PIC. XXX.	
328	0000830	07 AFEES-C-CL	PIC XXX.	
329	000640	07 AFEES-C-ST	PIC XXX.	
330	0000820	07 AFEES-C-GT	PIC XXX.	

07/25/78	INPUT LISTING	52				AUTOF	AUTOFLOW CHART SET - SRS	PROCRUSTEAN UPDATE
CA3D NO	i				CON	CONTENTS		:
331	000800			07 A	AFEES-C-SC	PIC XXX.	xxx.	
332	0.8000			07 A	AFEES-C-RC	PIC	xxx.	
333	000630			07 A	AFEES-C-RES2	PIC XXX.	XXX.	
334	003000		90	AFEE-	AFEE-MNTL-GP-SCORE	PIC XX.	xx.	
335	006000		.50	AFEE.	AFEE-TEST-FLAG	PIC X.	×	
336	*0:6000							
337	026000	03	DEPC	DEPOT - SCORES.	RES.			
358	08:5000		. 50	DEPOT	05 DEPOT-FORM-NUMBER	PIC XX.	. xx.	
339	01:6000		90	DEPOT.				
340	0000020			0 40	DEPOT-C-CO	PIC	XXX.	
341	095000			07 D	DEPOT-C-FA	PIC	XXX.	
342	07.6000			0 LO	DEPOT-C-EL	PIC	XXX.	
343	085000			0 20	DEPOT-C-0F	PIC	xxx.	
344	06.6000			9 70	DEPOT-C-GM	PIC	xxx.	
345	001000	•		0 LO	DEPOT-C-MM	PIC	xxx.	
346	001010			0 LO	DEPOT-C-CL	PIC	xxx.	
347	001000			0 L	DEPOT-C-ST	PIC	XXX.	
348	001030			07 D	DEPOT-C-GT	PIC	PIC XXX.	
349	001040			0 LO	DEPOT-C-SC	PIC	xxx.	
350	001000			0 40	DEPOT-C-RC	PIC	xxx.	
351	001000			07 D	DEPOT-C-RES2	PIC	XXX.	
352	001070		0.0	DEPOT	DEPOT-GT-GCT	PIC XXX.	XXX.	
353	001000		02	DEPOT	DEPOT-TEST-DATE	PIC X(6)	х(б).	

07/25/78	INPUT LISTING	AUTOFLOW CHART SET - SRS PROCRUSTEAN LPDATE	PD47E
CARD NO	:	CCNTENTS	
	060100		
355	001100 ETST SCORE DELETED PER	HOMC STAFF RECOMMENDATION.	
	031110 03 TYPING	PIC XXX.	
	001120 03 ECPT	PIC XXX.	
	001130 RC SCORE GELETED PER	HOMC STAFF RECOMMENDATION.	
	001140 03 ALAT	PIC XX.	
	001150 ELECT		
	001160		
	091170 THE MILITARY - EDUCATION ARE	EA IS AREA NUMBER 3.	
	.001180		
	COLLUG. LENGTH IS 32 BYTES.		
	001200		
	001210 02 MILITARY-EDUCATION	OCCURS O TO 20 TIMES.	
	0-31220 03 COURSE-CODE PI	IC XXX.	
	031230 03 TO-0ATE PI	(C x(6).	
	001240 03 FROM-DATE PI	IC x(6).	
	001250 03 FLAG PI	. x .	
	001260 03 COURSE-CRADE PI	PIC XXX.	
371	001270 03 FILLER PIC	PIC X(13).	
372	001280		
373	001230 THE FILLER IS INCLUDED HER	THE FILLER IS INCLUDED HERE TO MAINTAIN A TOTAL OF 32 BYTES.	
374		SOME RE-DEFINITION OF FIELDS IS STILL REQUIRED. (20 JAN 76).	
375	001310* THE ENLISTMENT AREA IS AREA NUMBER 4.	NUMBER 4.	

1/25/78	DULISIO TOENI		AUTOFLOW CHART SET - SRS	PROCRUSTEAN UPDATE
CA 95 NO	:		CONTENTS	:
376	001320			
377	0013 10 - LEPIGTE	. IS 24 EYTES.		
378	001340			
379	001350 02	ENLISTMENT	OCCURS 1 10 20 TIMES.	
380	991350	03 SOURCE-OF-ENTRY.		
381	071370	05 SOE-1	PIC X.	
362	001330	05 SOE-2	PIC X.	
383	001390	05 SOE-3	PIC X.	
384	001400	05 506-4	PIC X.	
395	001410	03 00-ENLISTMENT PIC 9(6) COMP-3.	PIC 9(6) COMP-3.	
386	991420	03 LNG-ENLISTMENT PIC X.	PIC X.	
307	001430	03 COMPONENT - CODE PIC XXX.	PIC XXX.	
383	001410	03 SEPARATION-CD PIC X(5).	PIC X(5).	
380	001450	03 REENL-INDIC	PIC XX.	
350	001450	03 SEPARATION DT PIC 9(6) COMP-3	PIC 9(6) COMP-3.	
391	001470 03	SLACK-BYTE2	PIC X.	
392	001480 - EXTENS	001480" EXTENSION IS AREA NUMBER S		
393	001430			
394	001500 LENGTH IS	15 12 BYTES.		
395	001510			
396	001520 02	EXTENSION OCCURS	RS 0 TO 9 TIMES.	*
397	0015.30	03 TOT-MON-EXT	PIC XX.	
398	001540	03 TOT-NUMB-EXT	PIC 9.	

37/23/78	INPUT LISTING	AUTOFLOW CHART SET - SRS PROCRUSTEAN UPDATE
CARD NO	•	CONTENTS
359	001550 C3 DT-LATEST-EXT	PIC 9(6) COMP-3.
400	CO1550 03 MON-LATEST-EXT	PIC XX.
401	001570 03 ENL-X-REF-FLAG	PIC 99.
402	001500 03 SLACK-8YTE3 PIC X.	
403	001590 - THE ENLISTMENT CROSS REFERENCE FIELD, ABOVE, IS THE	CE FIELD, ABOVE, IS THE SUBSCRIPT
404	DOTEGO OF THE MATCHING ENLISTMENT. IT COMES FROM THE	. IT COMES FROM THE FOURTH
405	0016:0- ENTRY OF THE AREA-COUNT TABLE.	ABLE.
406	001620×	
	001630 EUECT	
407	001640	
408	001650 GRADES IS AREA NUMBER 6.	
409	001660~	
410	001670 LENGTH IS 8 BYTES.	
411	001680*	
412	001690 02 GRADES OCCURS	OCCURS 1 TO 20 TIMES.
413	001700 03 GRADE	PIC XXX.
414	001770 03 DATE-OF-RANK	PIC 5(6) COMP-3.
415	001720 03 SLACK-BYTE4 PIC X	ν.
416	001730" U4-SHORT IS AREA NUMBER 7.	
417	001740-	
814	001750" LETGTH IS 6 BYTES.	
419	001750-	
420	001770 02 U4-SHORT OCCURS 0	0 TO 30 TIMES.

FROCRUSTEAN UFDATE	:																							
AUTOFICM CHART SET - SRS	CCNTENTS	PIC 9(6) COMP-3.	PIC X.						OCCURS O TO 30 TIMES.	PIC 9(6) COMP-3.	PIC 9(6) COMP-3.	PIC X.				OCCURS 0 10 20 TIMES.	PIC 9(6) COMP-3.	PIC 9(6) COMP-3.		10.				
7 .157166	33	1730 03 DATE-OF-UA	1730 03 UA-SH-FLAG	1890 03 SLACK-EYTES PIC X.	18:0' UN LONG IS AREA NUMBER 8.	1820.	1830 LENGTH IS 10 BYTES.	1840.	1850 02 UA-LONG OCCURS	1850 03 TO-UA-CATE	18.10 03 FROM-UA-DATE	1630 03 UA-FLAG	1873 03 SLACK-BYTE6 PIC X.	1900 - DESERTION IS AREA NUMBER 9.	1510 LENGTH IS 8 BYTES.	1920 02 DESERTION OCCURS	1930 03 TO-DES-DATE	19:10 03 FROM-DES-DATE	1950	1960 TRANSFERS IS AREA NUMBER 1	1970' UPDATED FROM JD-STATS.	1930*	1930" LENGTH IS 16 .BYTES.	2000
37/23/78 INPUT																								

AUTOFLOW CHART SET - SRS FROCRUSTEAN UPCATE		60 TIMES.	хх.	** ·	(5).	9(6) COMP-3.									20 TIMES.	xx.	xxx.	9(6) COMP-3.	9(6) COMP-3.	9(6) COMP-3.		xx.	××.	
AUTOFLO	CCCCINTS	TRANSFERS OCCURS 1 TO 60 TIMES.	FIVCC PIC XXX.	PNCC PNCC	RUC PIC X(5).	BEGIN-DATE PIC 9	STREN-CAT PIC X.			IS AREA NUMBER 11.	ROM UP-STATS.		38 BYTES.		TURBULENCE OCCURS 0 TO 20	PRES-MCC PIC XXX	FORM-MCC PIC	INT-TRANS-DATE PIC 9	DC78 PIC 9	D-0-ACT PIC 9	REASON-CODE PIC X.	TOUR-CONT-FAC PIC X	PCS-COST-CD PIC X	
INFUT LISTING		002010 02 TRAI	002030 03	002030 03	002640 03	0.32050 0.3	002060 03	002070 EVECT	032080	002090* TURBULENCE IS	002100 UPDATED FROM UP-STATS.	002110	002120 - LENGTH IS	002130	00214G 02 TUR	002150 03	002150 03	002170 03	002180 03	002190 03	002200 03	0022:0 03	002220 03	
07/25/78	CA 3 00	444	445	416	447	448	449		450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	

	PROCRUSTEAN UPDATE	:																							00001660
	AUTOFLOW CHART SET - SRS		×	9(6) COMP-3.	ххх.	9(6) COMP-3.				20 TIMES.	PIC X(4).	9(6) COMP-3.			0 TO 10 TIMES.	ж.	х.	9(6) COMP-3.							
	AUTOF	CONTENTS	REASON - FLAG PIC	LAST DATE - DET PIC	GEO-100-CODE PIC	GEO-DCTB PIC	CK-EYTEB PIC X.	A NUMBER 12.	8 BYTES.	OCCURS 1 TO		MOS-DATE PIC	REA NUMBER 13.	6 BYTES.	88	SRB-BON-TYPE PIC	ZONE PIC	BONUS-DATE PIC		AREAS	1E14.	FILLER PIC X.	E15.	FILLER PIC X.	
	INPUT LISTING		002240 03	002250 03	002250 03	002270 03 GEO-DCTB	002280 03 SLAC	002250 - MOS 15 AREA	0023/07 LENGTH 15	0023:0 02 MOS	002320 03	002330 03	0023,10 BOHUS 15 AR	002350" LEFGTH 15 6 BYTES.	0-323G) 02 BONU	002370 . 03	03	602340 03	0.02400	0024:0- TWG SPARE	002420 02 SPAR	002430 03 FILLER	002440 02 SPAR	002450 03	EJECT
3	57/22/18	CARD NO	999	467	468	469	470	471	472	473	474	475	475	477	478	475	977	181	482	483	484	485	486	487	

SET - SRS PROCRUSTEAN UPDATE		20810000	SPACES. 00001910	00001920	SPACES. 00001930	00001940	SPACES. 00001950	00001960	SPACES. 00001970	00001580	SPACES. 00001590	00002000	00002010	00002000	00005030	00002040	09005000	00005000	00002010	00005080	00005000	00002100	ION'. 00002116	E'. 00002120
AUTOFLOW CHART SET - SRS	CONTENTS	xx.	X(7) VALUE SPA	XXX.	X(7) VALUE SPA	×.	X(10) VALUE SPA	9(6).	X(10) VALUE SPA	XXXX.	X(29) VALUE SPA			VALUE SPACES.	VALUE 'NAME'.	VALUE SPACES.	VALUE 'MID'.	VALUE SPACES.	VALUE 'TCC'.	VALUE SPACES.	VALUE 'TTC '.	VALUE 'REC STATUS	VALUE 'DATE OF ACTION'.	VALUE ' ERROR CODE'.
		D-L-TCC P1C	FILLER PIC	0-L-TTC PIC	FILLER PIC	D-L-RECSTAT PIC	FILLER PIC	D-L-DACT PIC	FILLER PIC	D-L-ERR-CODE PIC	FILLER PIC		-LINE.	FILLER PIC X(21)	FILLER PIC X(4)	FILLER PIC X(22)	FILLER PIC X(3)	FILLER PIC X(8)	FILLER PIC XXX	FILLER PIC X(6)	FILLER PIC K(6)	FILLER PIC X(12)	FILLER PIC X(14)	FILLER PIC X(12)
INPUT CISTING	:	03 0	03 FI	03 0.	03 F1	03 0-	03 FI	03 0-	03 FI	03 0-	03 FI		O1 HEADER-LINE	. 03 FI	03 FI	. 03 FI	03 FI	03 FI	03 FI	03 FI	03 FI	03 FI	03 FI	03 FI
1/25,78	CA 3E NO	511	512	513	514	515	516	517	518	519	520	521	522	523	254	525	526	527	528	529	530	531	532	533

PROCRUSTEAN UPDATE	::	00002130	00002140	00002150	00002160	00002170	00002180	00002190	00002200	00002210	00002220	00002230	00002240	00002250	00002260	00002270	00002280	00002250	00002300	00002310	00002320	00002330	00002340	00002350
AUTOFLOW CHART SET - SAS	CONTENTS	UE SPACES.				JE SPACES.	JE 'NAME'.	JE SPACES.	JE 'MID'.	UE SPACES.	JE . PRESENT MCC'.	UE SPACES.	UE 'SOURCE OF ENTRY'.	JE SPACES.	JE 'CAD BASE DATE'.	JE ' ERROR CODE'.	JE SPACES.			X(17) VALUE SPACES.	X(20).	X(05) VALUE SPACES.	X(10).	X(10) VALUE SPACES.
	Ö	VALUE				VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE			PIC	PIC	PIC	PIC	PIC
		PIC X(22)			- RAMS.	PIC X(20)	PIC x (04)	PIC x(22)	PIC X(03)	PIC X(08)	PIC X(12)	PIC x(03)	PIC X(15)	PIC X(04)	PIC X(13)	PIC X(14)	PIC X(15)		- RAMS.		WE		0	
		03 FILLER	1.0		HELDER-LINE-RAMS	FILLER	FILLER	FILLER	FILLER	FILLER	FILLER	FILLER	FILLER	FILLER	FILLER	FILLER	FILLER		DETAIL-LINE-RAMS	FILLER	RD-L-NAME	FILLER	RD-L-MID	FILLER
J.		03	EJECT			03	03	03	03	03	03	03	03	03	03	03	03			03	03	03	03	03
INPUT LISTING				٠	. 01														01					
97/25/78	CARD NO	534		535	536	537	855	600	540	541	542	543	544	9:59	975	547	5.48	675	950	155	552	553	554	999

PAGCRUSTEAM UPDATE	: .	00002360	00002370	00002380	0000380	00005400	00002410	00002420	00002430	00002440	00002450	00002 160	00002470	00002480	00002490	00007200	00002510	00002520	00002530	00002540	00002550	00002560	00002570	00002580
AUTOFLOW CHART SET - SRS	CCNTENTS	PIC X(03).	PIC X(13) VALUE SPACES.	PIC x(04).	PIC X(12) VALUE SPACES.	PIC 9(06,.	PIC X(11) VALUE SPACES.	PIC X(04).	PIC X(18) VALUE SPACES.							THRU OPEN-ROUTINE-END.				NEW-SE	S-REC TO SRS-HIST-REC	READ THRU SRS-READ-END.		
INPUT LISTING	:	03 RD-L-WCC	O3 FILLER	03 RD-L-SCE	O3 FILLER	C3 RD-L-CADED	O3 FILLER	03 RD-L-ERR-CODE	O3 FILLER		EJECT		PROLEDURE DIVISION.	•	STAPT-LP.	PEFFORM OPEN-ROUTINE TI		HISTORY-READ.	IF NEW-SW # 1	THEN NOVE ZERO TO	MOVE TEMP-SRS-REC	ELSE PERFORM SRS-READ		STAT-VS-SRS.
37/25/78 INS	CARD NO	555	557	558	559	560	561	552	563	564		398	556	557	553	669	570	571	572	573	574	575	576	57.7

PROCRUSTEAN UPDATE	:	00002590	00002500	00002610	00002620	00002530	00002640	00002650	00002080	00002670	00002680	00002630	00002700	00002710	00002720	00002730	00002740	00002750	00002760	00002770	00002780	00002790	00002800	00002810
AUTOFLOW CHART SET - SRS FR	CONTENTS	MID OF TAS-IN-REC < MID OF SRS-HIST-REC	THEN GO TO A-ZERO-CHECK.	MID OF TRS-IN-REC > MID OF SRS-HIST-REC	THEN GO TO RAMS-VS-SRS.	MID NOW = HIST MID	MID OF TRS-IN-REC = HIGH-VALUES GO TO RAMS-VS-SRS.	PEFFORM STAT-REC-ANALYSIS THRU STAT-REC-ANALYSIS-END.	\$1AT-USED-FLEG = 1	THEN PERFORM MOS-UPDATE THRU MOS-UPDATE-END	PERFORM STAT-UPDATE	ELSE IF ERR-CODE NOT = SPACES	PERFORM STAT-ERR-MESS THRU STAT-ERR-MESS-END.	TO READ-ANOTHER-STAT.		-CHECK.	(TCC OF TRS-IN-REC = 'AO') OR	(TCC OF TRS-IN-REC = 'AN' AND TTC = '001') OR	(TCC OF TRS-IN-REC = 'AN' AND TTC = '000') OR	(TCC OF TRS-IN-REC = 'A6')	THEN PERFORM NEW-REC THRU NEW-REC-END	ELSE MOVE '2-01' TO ERR-CODE	PERFORM STAT-ERR-MESS THRU STAT-ERR-MESS-END.	
INPUT LISTING	:	11		11		TATE . STAT	1.5	134	15					00		3.ZERO-CHECK	IF							•
07/25/78	CARD NO	578	579	980	581	582	533	584	585	586	587	888	62			552	253	594	255	959	597	558	669	909

READSTOND READSTOND GO TO ST THEN THEN THEN PERFORM S GO TO HI COPEL-RCUTINE.	AUTOFLOW CHART SET - SRS CONTENTS STAT-READ-END BER-CODE RR-MESS THRU RAMS-ERR-MESS-END THRU RAMS-READ-END SRS MID OF SRS-HIST-REC PD-CHK THRU RAMS-UPD-CHK-END TO-CHK THRU RAMS-READ-END.	PROCRUSTEAN UPCATE 00002820 00002850 00002850 00002850 00002860 00002890 00002910 00002930 00002960 00002960 00002960
GPER-RCUTINE	04	0000296C 0000298C 0000298C
FOUT RAMS-IN. T	TINE ENTERED'. IN. TRS-IN. DISPLAY, ERR-OUT-ST, ERR-OUT-RAMS. ERR.	00002990 00003000 00003020 00003030

37/25/78	INPUT LISTING			™	AUTOFLOW CHART SET	. SRS	PROCRUSTESN UPDATE	
CA 3D NO	:			CONTENTS	NTS		:	
623	MOVE	ZERO	10	IN-HIST-CTR.	OUT-HIST-CTR.	IN-RAMS-CTR.	09003000	
624	MOVE	ZERO	10	IN-STAT-CTR.	ERR-STAT-CTR.	ABEND-SWITCH.	00003060	
625	MOVE	ZERO	5	ERROR-INIT-STAT.	IT. REC-LEN-TOTAL	TAL.	00003010	
626	MOVE	ZERO	10	ERROR-INIT-RAMS	15.		00003080	
627	MOVE	ZERO	10	NEW-SW.			00000000	
628	MOVE	ZERO	5	RAMS-MATCH-CTR.			00003100	
629	MOVE	ZERO	5	DUP-CTR.			00003110	
630	MOVE	ZERO	10	DROP-MED-CTR.	DROP-ENL-CTR.	DROP-EXT-CTR.	00003120	
631	MOVE	ZERO	5	DROP-GRD-CTR.	DROP-UAS-CTR.	DROP-UAL-CTR.	000003130	
632	MOVE	ZERO	5	CROP-DES-CTR.	DROP-TRN-CTR.	DROP-TUR-CTR.	00003:40	
633	MOVE	ZERO	0	DROP-MOS-CTR.	DROP-BON-CTR.		00003150	
634	MOVE	ZERO	10	ARCHIVE-CTR.			00003160	
635							000003170	
636	MOVE	- MOT	LOW - VALUES	S TO OLD-HIST-MID.	-MID.		00003185	
637	MOVE		LOW-VALUES	S TO OLD-RAMS-MID.	-MID.		00003190	
638	MOVE	- 107	LOW-VALUES	S TO OLD-STAT-MID	-MID.		00003500	
639	MOVE	CURR	CURRENT-DATE	ATE TO CUR-DAT.	T. CUR-DAT-X.		00003210	
640	MOVE	CORR	CUR	CORR CUR-DAT-X TO CUR-DAT-9	2-DAT-9.		00003220	
641	MOLE	*	0 40	CUR-DAT-9 TO Y	YY-ACD.		00003230	
642	MOVE	WW	OF C	CUR-DAT-9 TO M	MM-ACD.		00003240	
643	MOVE	ZERO	2	DD-ACD.			00003250	
644	SUETI	SUETRACT	e a	FROM YY-ACD.			00003260	
645	MOVE		IVE-N	ARCHIVE-WORK-DATE TO D	DUMMY - DATE.		00003270	

PROCRUSTEAN UPDATE		08060000	00003290	20003300	00003510	00003320	00003330	00003340	00003350	00003380	00003370	00003330	000032300	00003400	00003-110	00003423	00003430	00003440	NAL 00003450	ANY 00003460	00003476	00003480	ME 00003490	00003200
AUTOFLOW CHART SET - SRS	CONTENTS	DUMMAY-DATE TO ARCHIVE-CHECK-DATE.		132 TO NOWINAL-LEN (01).	96 TO NOMINAL-LEN (02)	32 TO NCWINAL-LEN (03).	24 TO NOMINAL-LEN (04).	12 TO NOMINAL-LEN (05).	8 TO NOMINAL-LEN (06).	6 TO NOWINAL-LEN (07).	10 TO NOMINAL-LEN (08).	B TO MCMINAL-LEN (09).	16 TO NOMINAL-LEN (10).	38 TO NOMINAL-LEN (11).	8 TO NOMINAL-LEN (12).	6 TO NOMINAL-LEN (13).	O TO NOMINAL-LEN (14).	0 TO NOMINAL-LEN (15).	THE CONSTANTS ABOVE WHICH INITIALIZE THE NOMINAL	LENGTH AREA MUST BE CHANGED IF THE LENGTH OF	INDIVIDUAL AREA IS CHANGED.		THESE CONSTANTS SHOULD AGREE WITH THOSE IN THE	OUTPUT SECTION OF THE ASSEMBLER "READER-WRITER"
211.		310%		MOVE 132	MOVE	MOVE	MOVE	MOVE	MOVE	NOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE	NCTE:	37	IN			90
INPUT LISTING	:		•																•	•	,	•	* .	•
07/23/78	CA 30 NO	97	647	648	679	650	150	652	653	654	655	929	657	658	659	986	661	662	663	909	665	999	657	668

PROCRUSTEAN LPDATE	::	00003510	00003520	00003530	00003540	00003550	00003560	00003570	00003580	00003230	00003600	00003610	00003620	00003630	00003640	00003650	00003560	00003670	00003680	00003690	00003700	00003710	00003720	00003730	
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	AND "READCH-WRITCH" ROUTINES			PERFORM STAT-READ THRU STAT-READ-END.	PERFORM RAMS-READ THRU RAMS-READ-END.		CPER-RCUTINE-END. EXIT.	EJECT		STAT-READ.	READ TRS-IN. AT END GO TO STAT-END-CHECK.	IF MID OF TRS-IN-REC < '0000000000' GO TO STAT-READ.	1F KC-CYC-NO = 'ZO5' GO TO STAT-READ.	IF KC-CYC-NO = 'A04' GO TO STAT-READ.	MOVE SPACES TO ERR-CODE.	ALOVE ZERO TO STAT-USED-FLAG.	MOVE TCC TO WORK-TCC.	IF OLD-STAT-MID > MID OF TRS-IN-REC	THEN MOVE I TO ABEND-SWITCH	PERFORM END-OF-JOB.	MOVE MID OF TRS-IN-REC TO OLD-STAT-MID.	ADD 1 TO IN-STAT-CTR.	STAT-READ-END. EXIT.	
37,23/78	CARD NO	693	670	671	672	673	674	675		676	617	678	619	089	631	682	683	684	685	686	687	683	689	069	

PROCRUSTEAN UPDATE	:	000003740	00003750	00003760	00003770	00003780	00003750	00003800	00003810	00003320	00000830	00003840	00003850	00003860	00003870	00003880	000038000	00600000	00003910	00003920	00003930	00003940	09060000	00003960	
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS		STA* - END - CHECK .	DISPLAY ' STAT-END ', MID OF TRS-IN-REC.	IF (MID OF SRS-HIST-REC . HICH-VALUES) AND	(MID OF RAMS-REC * HIGH-VALUES)	THEN PERFORM END-OF-JOB	ELSE MOVE HIGH-VALUES TO MID OF TRS-IN-REC	GO TO STAT-READ-END.	EJECT		RAMS-READ.	READ RAMS-IN, AT END GO TO RAMS-END-CHECK.	IF OLD-RAMS-MID = MID OF RAMS-REC	THEN GO TO RAMS-READ	ELSE	IF OLD-RAMS-MID IS NOT < MID OF RAMS-REC	THEN MOVE 2 TO ABEND-SWITCH	PERFORM END. OF-JOB.	MOVE MID OF RAMS-REC TO OLD-RAMS-MID.	ADC 1 TO IN-RAMS-CTR.		RAMS-READ-END. EXIT.	•	
25/78	ARD 140	651	692	693	569	695	969	697	838		659	200	101	702	703	70.4	705	901	707	108	601	210	7117	712	

PROCRUSTEAN UPDATE	i	00004200	00004210	00004220	00004230	00004240	00004250	00004260	00004270	00004280	00004290	00004300	00004210	00004320	00004330	00004340	00004350	00004380	00004370	00004380	0 00004390	00004400	END 00004410	00004420
AUTOFLOW CHART SET - SRS	CONTENTS	PERFORM END-OF-JOB.	OF SAS-HIST-REC TO OLD-MIST-MID.	JIN-HIST-CTR.		EXIT.			' SRS-END ', MID OF SRS-HIST-REC.	CF TRS-IN-REC = HIGH-VALUES) AND	OF RAMS-REC = HIGM-VALUES)	PERFORM END-OF-JOB	MOVE HIGH-VALUES TO MID OF SRS-HIST-REC	GO TO SRS-READ-END.					1515.	. 'A7'	M DESERTION - UPDATE THRU DESERTION - UPDATE - END	ELSE IF FIRST-LETTER = 'A'	PERFORM ENLISTMENT-UPDATE THRU ENLISTMENT-UPDATE-END	TCC . 'R4'
INPUT LISTING	***		MOVE MID	ADC 1 10		SRS-REED. END.		SRS-ENG-CHECK.	DISPLAY	IF (MID	(MID	THEN	ELSE		*		EJECT	•	STAT-REC-ANALYSIS	IF ICC .	PERFORM	SELSE 1F	PERFOR	ELSE IF
07/25/78	CARD NO	735	736	757	736	739	740	711	742	743	744	745	746	747	746	671		750	751	752	753	754	755	756

AUTOFLOW CHART SET - SRS FROCRUSTEAN UPDATE	•	00002990	(X). 00004570	00004680	00004690	00270000	00004710	TE. 60604720	R4 'TO DESERTION' RECCRD 000C473C	00004740	IG LOOP-INDEX 00004750	BY 1 UNTIL LOOP-INDEX > 20 00004763	00004770	9). 00004780	00004790	00004500	END-CORRECT. 00004810	00004820	60004930	JNT (8). 00004840	00004850	THEN 00004550	00004670	ZER05 00004380
INPUT LISTING AUTOFLOW	CONTENTS	ZERG-AREA-COUNT.	MOVE ZERO TO AREA-COUNT (LOOP-INDEX).	•	EJECT ,		DESERTION-UPDATE.	IF 1CC = 'A7' GO TO RETURN-UPDATE.	THIS POINT THE STAT IS AN RA	IF AREA-COUNT (9) > 19	THEN PERFORM FORGET-DES VARYING LOOP-INDEX	FROM 2 BY 1 U	ADC 1 TO DROP.DES-CTR	MOVE 19 TO AREA-COUNT (9).	,	CORPECT-UA-LONG.	IF AREA-COUNT (B) = ZERO GO TO END-CORRECT.	MOVE AREA-COUNT (8) TO LOOP-INDEX.	IF UA-FLAG (LOOP-INDEX) = '1'	THEN SUBTRACT 1 FROM AREA-COUNT (8).	END-CORPECT.	IF AREA-COUNT (9) IS NOT . ZERO THEN	MOLE AREA-COUNT (9) TO LOOP-INDEX	IF FROM-DES-DATE (LOOP-INDEX) . 2
27/25/78	CARD YO	977	780	731		732	753	784	785	736	787	736	789	064		792	793	794	795	196	797	798	799	908

37/25/76	INPUT LISTING	AUTOFLOW CHART SET - SRS	PROCRUSTEAN UPDATE
CA3D NO	:	CONTENTS	:
108		THEN IF TO-DES-DATE (LOOP-INDEX) = DO-ACTION	00004899
805		OF TRS-IN-REC	00004900
803		THEN MOVE 'Z-05' TO ERR-CODE	00004910
834		GO TO DESERTION-UPDATE-END	00004920
808		ELSE MOVE 'R-01' TO ERR-CODE	00004930
806		GO TO DESERTION-UPDATE-END	00004940
807		ELSE NEXT SENTELCE	00004950
858		ELSE NEXT SENTENCE.	00004950
608		ADD 1 TO AREA-COUNT (9).	00004970
810		MOVE AREA-COUNT (9) TO LOOP-INDEX.	00004980
611		MOVE DO-ACTION OF TRS-IN-REC TO TO-DES-DATE (LOOP-INDEX).	00004990
63		MOVE ZEROS TO FROM-DES-DATE (LOOP-INDEX).	00000000
813		MOVE 1 TO STAT-USED-FLAG.	00005010
814		GO TO DESERTICH-UPDATE-END.	000005020
815		RETURN-UPDATE.	000000000
816		MOVE AREA-COUNT (9) TO LOOP-INDEX.	00005040
817		IF LOOP-INDEX = ZERO	09002000
818		THEN MOVE 'A-01' TO ERR-CODE	00005000
919		GO TO DESERTION-UPDATE-END.	00003070
820		IF TO-DES-DATE (LOOP-INDEX) IS NOT < DO-ACTION	00000000
821		OF TRS- IN-REC	06000000
822		THEN MOVE 'A-02' TO ERR-CODE	00002100
823		GO TO DESERTION-UPDATE-END.	00005110

PROCRUSTEAN UPEATE	•	00000:20	00005:30	00005:40	00005150	000000	00005170	00005130	00005120	00005200	00005210	00005220	00005230	00005240	00005250	00005230	00005270	00005280	00005290	00002300	00005310	00005320	00002330	00005340	
AUTOFLOW CHART SET - SRS	CONTENTS	IF FROM-DES-DATE (LO3P-INDEX) . ZERO	THEN IF DC-ACTION	OF TRS-IN-REC	= TO-DES-DATE (LOOP-INDEX)	THEN MOVE ZEROS TO TO-DES-DATE	(LOOP-INDEX)	SUBTRACT 1 FROM AREA-COUNT (9)	ELSE MOVE DO-ACTION	OF TRS-IN-REC	TO FROM-DES-DATE	(LOOP-INDEX)	ELSE IF DO-ACTION	OF TRS-IN-REC	= FROM-DES-DATE (LOOP-INDEX)	THEN MOVE '2-05' TO ERR-CODE	GO TO DESERTION . UPDATE - END	ELSE MOVE 'A-07' TO ERR-CODE	GO TO DESERTION-UPDATE-END.	MOLE 1 TO STAT-USED-FLAG.	DESFRION-UPDATE-END. EXIT.		FORGET-DES.	COMPUTE LESS1 = LOOP-INDEX - 1.	
INPUT LISTING	i																				DES		FOR		
07/23/78	CARD NO	824	825	826	627	628	829	830	. 831	832	833	834	835	836	837	833	839	640	841	842	843	844	878	378	

- 637 -

PROCPUSTEZA UPDATE	i	000000000000000000000000000000000000000	09050000	00005370	00005380	00002390	00005400	00005410	> 20 00005420	00005430	00005440	00005450	00005460	000002470	00005480	00002490	00002500	00005510	00005520	00002530	00005540	000005550	00005560	00005570
IPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	MOVE DESERTION (LOOP-INDEX) TO DESERTION (LESSI).	EUECT		ENLISTNENT-UPDATE.	IF FIRST-LETTER # 'R' GO TO R-TYPE.	IF AREA-COUNT (4) > 19	THEN PERFORM FORGET-ENL VARYING LOOP-INDEX	FROM 2 BY 1 UNTIL LOOP-INDEX	PERFORM XREF-FLAG-CORRECTION	THRU XREF-FLAG-CORRECTION-END	ADD 1 TO DROP-ENL-CTR	MOVE 19 TO AREA-COUNT (4).		IF AREA-COUNT (4) = ZERO THEN	MOVE 'A-03' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.	IF TCC = 'A4' GO TO A4-TYPE	ELSE IF TCC = 'A5' GO TO A5-TYPE	ELSE IF TCC = 'A8' GO TO A8-TYPE	ELSE MOVE 'A-04' TO ERR-CODE	GO TO ENLISTMENT - UPDATE - END.	•	A4.TYPE.
07/25/78 INP	CA 25 NO	347		8 18	649	930	851	85.2	853	854	655	939	857	828	626	960	198	862	863	854	893	988	666	808
												_	630	,										

PROCRUSTEAN UPDATE	* * * * * * * * * * * * * * * * * * * *	00002580	06990000	00005600	00005510	00005620	00002630	00005640	00005650	00005660	00005670	00002680	00002690	00005700	00005710	00005720	00005730	00005740	00005750	00005760	00005770	00002780	06055790	00002800	
AUTOFLOW CHART SET - SRS	CONTENTS	1 TO AREA-COUNT (4).	LE AREA-COUNT (4) TO LOOP-INDEX.	VE CUR-SORS-ENT OF TRS-IN-REC TO	SOURCE-OF-ENTRY (LOOP-INDEX).	VE DO-ACTION OF TRS-IN-REC TO	DO-ENLISTMENT (LOOP-INDEX).	VE LEN-O-ENL OF TRS-IN-REC TO	LNG-ENLISTMENT (LOOP-INDEX).	LE COMP-CODE OF TRS-IN-REC TO	COMPONENT - CODE (LOOP - INDEX).	VE '1' TO ACT-INACT-FLAG.	VE 1 TO STAT-USED-FLAG.	VE ZERO TO SEPARATION-DT (LOOP-INDEX).	TO ENLISTMENT-UPDATE-END.			VE AREA-COUNT (4) TO LOOP-INDEX.	IF DO-ACTION OF TRS-IN-REC < DO-ENLISTMENT (LOOP-INDEX)	THEN MOVE 'A-05' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.	VE SPACES TO SEPARATION-CD (LOOP-INDEX).	VE SPACES TO REETL-INDIC (LOOP-INDEX).	VE ZEROS TO SEPARATION-DT (LOOP-INDEX).	
INPUT ETSTING	:	ADC	MOVE	KOVE	*	MOVE		MOVE		MOVE		MOVE	MOVE	MOVE	09		45. "YPE.	MOVE	4.7			MOVE	MOVE	MOVE	
07/25/78	CA 2D NO	839	970	871	372	873	674	875	876	718	878	879	830	831	882	833	884	855	988	887	888	688	068	168	

PROCRUSTEAN UPDATE	:	00005810	00005820	00005630	00005840	00005850	00005860	00005870	00002880	06850000	00630000	00005910	00005920	00002930	00005940	00005950	0902360	00005970	09650000	06650000	000090000	00000000	00006020	00000000
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	MOVE. '1' TO ACT-INACT-FLAG.	MOVE ZERO TO SEPARATION-DT (LOOP-INDEX).	MOVE 1 TO STAT-USED-FLAG.	GO TO ENLISTMENT-UPDATE-END.		AU TYPE.	ADD 1 TO AREA-COUNT (4).	MOVE AREA-CCUNT (4) TO LOOP-INDEX.	MOVE CUR-SORS-ENT OF TRS-IN-REC TO	SCURCE-OF-ENTRY (LOOP-INDEX).	MOVE DO-ACTION OF TRS-IN-REC TO	DO-ENLISTMENT (LOOP-INDEX).	MOVE LEN-0-ENL OF TRS-IN-REC TO	LNG-ENLISTMENT (LOOP-INDEX).	MOVE COMP. CODE OF TRS-IN-REC TO	COMPONENT-CODE (LOOP-INDEX).	MOVE '1' TO ACT-INACT-FLAG.	MOVE ZERO TO SEPARATION-DT (LOOP-INDEX).	MOVE 1 TO STAT-USED-FLAG.	PERFORM GRADE-UPDATE THRU GRADE-UPDATE-END.	GO TO ENLISTMENT-UPDATE-END.		R-TYPE.
01/25/78	CARD NO	892	893	894	695	896	537	838	658	006	901	902	£06		306	906	206	806	606	910	911	912	913	914

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PROCRUSTEAN UPDATE	:	000090000	00000000	00000000	00000000	09099900	06090000	00000100	00006110	000000	00000130	00000110	00006150	090000	00000170	00000180	, 26190000	00000000	00006210	00006220	00006230	00006240	00006250	00006260	
INPUT ISTING AUTOFLOW CHART SET - SRS PI	CONTENTS	IF AREA-COUNT (4) = ZERO THEN	MOVE 'R-C2' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.	MOVE AREA-COUNT (4) TO LOOP-INDEX.	IF TCC = 'RI' GO TO RI-R3-TYPE	ELSE IF TCC = 'R2' GO TO R2-R5-TYPE	ELSE :F TCC = 'R3' GO TO R1-R3-TYPE	ELSE IF TCC = 'R5' GO TO R2-R5-TYPE	ELSE MOVE 'R-03' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.		R1-F3-TYPE.	IF DO-ACTION OF TRS-IN-REC < DO-ENLISTMENT (LOOP-INDEX)	THEN MOVE 'R-04' TO ERR-CODE	GO TO ENLISTMENT-UPDATE-END.		MOVE DOD-SEP-CODE TO SEPARATION.CD (LOOP-INDEX).		MOVE REENL-IND TO REENL-INDIC (LOOP-INDEX).	MOVE DO-ACTION OF TRS-IN-REC TO SEPARATION-DT (LOOP-INDEX).	MOVE '2' TO ACT-INACT-FLAG.	MOVE 1 TO STAT-USED-FLAG	GO TO ENLISTMENT-UPDATE-END.	
1/25/78	CARD NO	316	916	516	918	919	920	921	922	923	924	929	956	. 927	926	929	026	931	532	933	934	935	936	937	

CAND CAND CAND CAND CAND CAND CAND CAND	CONTENTS CONTENTS CONTENTS FR2-FS-TYPE. IF DOG-ACTION OF IRS-IN-REC NOT < DOG-ENLISTMENT (LOOP-INDEX) GO TO NORMAL-R-TYPE. COMPUTE LOOP-INDEX = LOOP-INDEX - 1 IF LOCP-INDEX = ZERO WOVE 'R-OG' TO EMP-CODE GO TO ENLISTMENT-UPDATE-END. IF SEPARATION-OT (LOOP-INDEX) = ZERO THEN MOVE REENL-IND TO RES-IN-REC TO SEPARATION-OT (LOOP-INDEX) SEPARATION-OT (LOOP-INDEX)	SRS PRCCRUSTEAN UPDATE COOCE27C COOCE29C RUNS. COOCE39C COCCE39C COCCE39C
0 0 0 0 0 0 0	MOVE '2' TO ACT-INACT-FLAG MOVE 1 TO STAT-USED-FLAG	00006430
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0 2	00006.450 00006.460 00006.470 00006.480

PROCRUSTEAM UPDATE	:	00006590	00006510	00006520	00006530	00006540	00008550	00006550	00006570	00006580	06290000	00006600	00006510	00006120	00006530	00006640	00006650	00008080	00006670	00005680	06990000	00006700	00006710	00006720	
LISTING AUTOFLOW CHART SET - SRS	CONTENTS	000	MOVE DOD-SEP-CODE TO SEPARATION-CD (LOOP-INDEX).	MOVE REEVL-IND TO REENL-INDIC (LOOP-INDEX). 00	MOVE DO-ACTION OF TRS-IN-REC TO SEPARATION-DT (LOOP-INDEX), OOK	MOVE '2' TO ACT-INACT-FLAG.	MOVE 1 TO STAT-USED-FLAG.	ENLISTMENT-UPDATE-END. EXIT. 000		FOHGET-ENL.	CONPUTE LESS1 = LOOP-INDEX - 1.	MOVE ENLISTMENT (LOOP-INDEX) TO ENLISTMENT (LESSI), OUT	,000	EJECT 000		DURYTION-CALC.	,	COVPUTE DUPATION-MONTHS = 000	(YY OF CUR-DAT-9 - 12 + MM OF CUR-DAT-9) -	(YY-W - 12 + MM-W).	DURATION-CALC-END. EXIT.	000	EJECT	000	
07/25/78 INPUT	CARD NO	169	962	953	964	995	996	156	968	50.6	970	971	972		973	974	975	976	577	978	979	086		981	
0													.,	2											

PROCRUSTEAN UPDATE	:	00006730	0006740	0006750	0006760	0006770	00006780	00006790	0006800	0006810	00006820	0006830	00006840	00006850	0006660	0005870	00006830	06890000	00069000	00006910	00006920	00006930	00006940	05690000
. 585		o	OF SRS-HIST-REC.00008740	OF SRS-HIST-REC.00506750	OF SRS-HIST-REC.00006760	OF SRS-HIST-REC.00006770	AND	0	OF SRS-HIST-PEC.00006800	OF SRS-HIST-REC.00005810	OP') THEN O	OF SRS-H1ST-REC.00006830		0	OF SRS-HIST-REC 00005660	OF SRS-HIST-REC.00005870	CIV-ED-CURR.	CIV-ED-CURR.	OF SRS-H1ST-REC.00006900	0	0	0	0	0
AUTOFLOW CHART SET	CONTENTS		OF TRS-IN-REC TO NAME .	OF TRS-IN-REC TO INITIALS	OF TRS-IN-REC TO ETHNIC-GROUP	OF TRS-IN-REC TO AFADBD	'R1') AND (TCC NOT = 'R3')	'R5') THEN	OF TRS-IN-REC TO ACTUAL-EAS	OF TRS-IN-REC TO PEBD	'JD') AND (TGC NOT = 'JR	MOVE CIT-ST OF TRS-IN-REC TO CITIZENSHIP	MARITAL-STAT OF TRS-IN-REC TO MARITAL-STATUS.	TRS-IN-REC > 9	9 TO NUM-DEP-CURR	-DEP TO NUM-DEP-CURR	MOVE CIV-ED-YRS OF TRS-IN-REC TO YEARS-ED OF	OF TRS-IN-REC TO DEGREE OF	OF TRS-IN-REC TO BILLET-MOS	TO LAST-CHG-DATE.				
T ISTING		STAT-UFDATE.	MOVE L-NAME C	MOVE INITS C	MOVE ETHNIC OF	MOVE AFAD-BD C	IF (TCC NOT #	(TCC NOT =	MOVE EAS-ACTUAL O	MOVE PEBD C	1F (TCC NOT = '	MOVE CIT-ST OF TR	MOVE MARITAL-STAT	IF NO-DEP OF TR	THEN MOVE 9	ELSE MOVE NO-DEP TO	MOVE CIV-ED-YRS C	MOVE CIV-ED-LVL C	MOVE DMOS 0	MOVE KC-C-DATE		EJECT		CRADE-LPDATE.
37/23/78 INPUT	CARD NO	962	563	964	935	936	957	963	989	066	931	392	993	934	995	956	266	856	666	1000	1001		1002	1003

57.47.5																									
STADGU MERT PUSCONS	•	09690000	00006970	0889000	000000	00007000	00007010	00007020	00001030	0000000	00000000	00000000	00007070	00001000	05040000	00007100	000007110	00007120	00007130	00007140	00007150	V 00007150	000001170	00007180	
SQS - TREE OWN PROPERTY.	CCNTENTS		IF AREA-COUNT (6) > 19	THEN PERFORM FORGET-GRD VARYING LOOP-INDEX	FROM 2 BY 1 UNTIL LOOP-INDEX > 20	ADE 1 TO DROP-GRD-CTR	MOVE 19 TO AREA-COUNT (6).	MOVE PRES-GRD OF TRS-IN-REC TO WORK-GRADE.	MOLE WK-GPD TO NEW-GRADE.	IF AREA-CCUNT (6) = ZERO	MOVE 'D-02' TO ERR-CODE	GO TO GRADE-UPDATE-END.	MOVE AREA-COUNT (6) TO LESSI.	MOVE GRADE (LESSI) TO WORK-GRADE.	MOVE WK-GRD TO OLD-GRADE.	IF (NEW-GRADE = OLD-GRADE) AND	(PRES-COR	OF TRS-IN-REC	= DATE-GF-RANK (LESS1))	THEN MOVE 'Z-05' TO ERR-COUE	GO TO GRADE-UPDATE-END.	CHANGE WARRANT GRADES (TEMPORARILY) FOR GRADE HIERARCHY	· EDITING	IF FST-SRD-LETO = 'W' MOVE 'F' TO FST-GRD-LETO.	
01/10/10	CA 2D NO	1004	1005	9001	1001	1038	1009	1010	101	1012	1013	1014	1015	9101	1017	10:8	1019	1020	1021	1022	1023	1024	1025	1026	

PROCRUSTELM UPDATE	::	00007420	00007430	00007440	00007450	00007460	00002470	00007480	00007430	EX). 00007500	00007510	00007520	00007530	00007540	00007550	00007560	00007570	00007550	00007590	00007600	00007610	00007620	00007630	EX), 00007640
INPUT CISTING AUTOFLOW CHART SET - SRS	CONTENTS		REDUCE-TYPE.	IF NEW-GRADE NOT < OLD-GRADE	THEN MOVE 'D-04' TO ERR-CODE	GO TO GRADE-UPDATE-END.	ADE 1 TO AREA. COUNT (6).	MOVE AREA-COUNT (6) TO LOOP-INDEX.	MOVE PRES-GRD OF TRS-IN-REC TO GRADE (LOOP-INDEX).	MOVE PRES-DGR OF TRS-IN-REC TO DATE-OF-RANK (LOOP-INDEX), 00007500	GO TO GRADE-END-1.		ESTAB-TYPE.		CORFECT-TYPE.	MOVE PRES-GRD OF TRS-IN-REC TO GRADE (LESSI).	MOVE PRES-DOR OF TRS-IN-REC TO DATE-OF-RANK (LESSI).	GO TO GRADE-ENG-1.		DIFF-TYPE.	ADD 1 TO AREA-COUNT (6).	MOVE AREA-COUNT (6) TO LOOP-INDEX.	MOVE PRES-GRD OF TRS-IN-REC TO GRADE (LOOP-INDEX).	MOVE PRES-DOR OF TRS-IN-REC TO DATE-OF-RANK (LOOP-INDEX). 00007640
07/23/78	CA 6742	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1091	7007	1063	1064	1065	1066	1067	1068	1069	1070	1011	1072

212																								
PROCRUSTEAN UPDATE	•	00007650	00007550	00007570	00007660	00001690	00001700	0.22000	00007720	00007730	00007740	06067750	00007760	000001170	00007780	06220000	00007800	00007810	00007820	00007830	00007840	00007850	00007860	00007870
AUTOFLOW CHART SET . SRS P	CCNTENTS			·					DEX - 1.	TO GRADES (LESS1).						TYPE-U9.	A UA-TYPE		FORGET-UA-SH VARYING LOOP-INDEX	BY 1 UNTIL LOOP-INDEX > 30		AREA-COUNT (7).		
ызтіма	3		GRADE-END-1.	MOVE 1 TO STAT-USED-FLAG.		GRADE-LPDATE-END. EXIT.	•	FORCET-GRD.	CONPUTE LESSI = LOOP-INDEX	MOVE GRADES (LOOP-INDEX)	•	EJECT	•	UA-SHORT-UPDATE.		IF TCC = 'U9' GO TO	AT THIS POINT, STAT IS	IF AREA-COUNT (7) > 29	THEN PERFORM FORGET	FROM 2	ADC 1 TO DROP-UAS-CTR	MOVE 29 TO AR		ADC 1 TO AREA-COUNT (7).
37/25/78 INPUT	CA9D NO	1073	1074	1075	1076	1077	1078	1079	1080	1081	1062		1083	1054	1085	1086	1087	1088	1089	1090	1091	1092	1093	1054

PROCRUSTEAN UPDATE	:	00007883	0632000	00001990	00007910	00007920	00007930	000003940	00007950	00007866	00007970	00007980	08640000	00000000	000000010	00000000	00000000	000000040	00000000	09080000	00008070	000080000	06080000	00008100
INFUT LISTING AUTOFLOW CHART SET - SRS PR	CONTENTS	MOLE AREA-COUNT (7) TO LOOP-INDEX.	MOVE DO-ACTION OF TRS-IN-REC TO DATE-OF-UA (LOOP-INDEX).	MOVE '1' TO UA-SH-FLAG (LOOF-INDEX).	MOVE 1 TO STAT-USED-FLAG.	GO TO UA-SHORT-UPDATE-END.		TYPE-US.	MOVE AREA-CCUNT (7) TO LOOP-INDEX.	JF LOOP-INDEX = ZERO	THEN MOVE 'U-13' TO ERR-CODE	GO TO UA-SHORT-UPDATE-END.	IF DO-ACTION OF TRS-IN-REC = DATE-OF-UA (LOOP-INDEX)	THEN MOVE '2' TO UA-SH-FLAG (LCOP-INDEX)	ELSE MOVE 'U-01' TO ERR-CODE	GO TO UA-SHORT-UPDATE-END.	MOLE 1 TO STAT-USED-FLAG.		UA-SHORT-UPDATE-END. EXIT.	FORGET-UA-SH.	COMPUTE LESS1 = LOUP-INDEX - 1.	MOVE UA-SHORT (LOOP-INDEX) TO UA-SHORT (LESS1).	•	E.ECT
37/25/78	CA 90 NO	1095	1036	1097	1098	1059	1100	1011	1102	1103	1104	1105	1106	1107	1168	1109	1110	1111	1112	1113	1114	1115	1116	

37/25/78	B INFUT LISTING AUTOFLOW CHART SET - SRS	FROCRUSTEAN UPDATE
CARE NO	NO CONTENTS	:
1117		00006110
1118	B UA-LCNG-UPDATE.	00008120
5	BOVE AREA-COUNT (8) TO LESSI.	00003130
1120	D MOVE 1 TO UGOTO.	00008140
1121	1 C-D-CDE = '1' MOVE 2 TO UGOTO	00008150
1122	ELSE : F C-D-CDE = '2' MOVE 3 TO UGOTO.	00000150
1123	3 IF TCC = 'U1' GO TO U1-TYPE	00000170
1124	ELSE IF TCC = 'US' GO TO US.TYPE	00008180
1125	ELSE IF TCC = 'U6' GO TO U6-TYPE	06150600
1126	ELSE IF TCC = 'U7' GO TO. U7-TYPE	00008200
1127	ELSE 1F TCC = 'U9' GO TO U9-TYPE	00003210
1128	ELSE MOVE 'U-02' TO ERR-CODE	00000220
1129	GO TO UA-LONG-UPDATE-END.	00008230
1130		00008240
1131	UI-TYPE.	00008250
1132	IF AREA-COUNT (8) > 29	00008260
1133	THEN PERFORM FORGET-UA-L VARYING LOOP-INDEX	00008270
1134	FROM 2 BY 1 UNTIL LOOP-INDEX >	30 00008280
1135	S ADC 1 TO DROP-UAL-CTR	0000000
1136	MOVE 29 TO AREA-COUNT (8).	00008300
1137	7 GO TO U1-ZERO, U1-DNE, U1-TWO	00000310
1138	S DEPENDING ON UGOTO.	00008320
1139	, and the state of	00008330

GO TO UA-LONG-UPDATE-END.

1161 1162

1160

CA30 NO

37/25/78

1142

1140

****	00008340	09008380	00008300		00006380	09660000	000084000	01730000	00003420	00003430	04580000	J6280000	53460000	09008475	00008480	26480200	00088000	00008510	00008520	00009530	00008540	099880000	09560000	
	CONTENTS			IF LESS! = ZENU IF LESS! = ZENU IF LESS! = ZENU	REC	MOVE DO TO UA-FLAG (1)	COVE 1 STAT-USED-FLAG	WOVE (1)	ERC TO TROM - LONG- UPDATE - END.	1, = (1593)		THEN IF DO-ACITON	OF TRSTIN TO TO DATE (LESSI)	,7.05' TO ERR-CODE	THE! MOVE - TO ERR-CODE	ELSE MOYE A ABEA-COUNT (8)	ELSE ADD 1 10 FILE TO LOOP-INDEX	MOVE AREA TO ACTION OF TRS-IN-REC TO	MOVE DO TO DATE (LOOP-INDEX)	DATE (LOOP-INDEX)	ZERO TO	MOVE 1 TO STAT-USED-FLAG.	MOST MACHEND.	
	DISTINCT INDIVI	····	5-10	F.		142	1143		MOVE	1148	1147	1148	941:	1150	1:51	1152	1153	1154	:155	1156	1157 MOVE	1158	9311	

1147 11.48 1145 1124 1143

FROCRUSTEAN UPDATE	:	0000000	00008810	00008320	00008330	00008840	00008820	09970000	00008370	00003480	05980000	00008370	0169000	023 (0300	000000	00008340	09669990	09000000	07680000	0000000	0600000	20050000	0105000	00000000	
AUTOFLOW CHART SET - SRS	CONTENTS	LESS1 = ZEPO	THEN MOVE 'U-08' TO ERR-CODE	GO TO UA-LONG-UPDATE-END.	TO US-ZERO, US-ONE, US-TWO	DEPENDING ON UGOTO.			UA-FLAG (LESS1) :.OT = '1'	THEN IF DO-ACTION OF TRS-IN-REC .	FROM-U4-DATE (LESS1)	THEN MOVE 'Z-05' TO ERR-CODE	ELSE MOVE 'U-09' TO ERR-CODE	ELSE MOVE CO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG	MOVE '2' TO UA-FLAG (LESS1).	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) POT = '2'	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE ZERO TO TO-UA-DATE (LESSI)	MOVE 1 TO STAT-USED-FLAG	
INPUT LISTING	:	15			9			US . J ERO.	11									9		US-TWO.	11				
1/25/78	CA 30 NO	130	1197	160	1189	1190	1151	1132	1153	1154	1195	1196	1197		351:	1200	1201	1202	1203	1204	1205	1206	1207	1238	

PROCRUSTELN UPDETE		28060000	00009340	03050000	29750000	00009070	0806,0000	36969900	00000100	00000110	00009120	00009130	00005140	00000150	09.50000	02150000	38:60000	00003190	000005000	00009210	00009220	00009230	00009240	00009250
AUTOFLOW CHART SET - SAS	CONTENTS	MOVE '1' TO UA-FLAG (LESS1).	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) 1:01 = '2'	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS:)	MOVE 1 TO STAT-USED-FLAG.	10 UA-LONG-UPDATE-END.				LESS1 = ZERO	THEN MOVE 'U-08' TO ERR-CODE	GO TO UA-LONG-UPDATE-END.	TO UG-ZERO, UG-ONE, UG-TWO	DEPENDING ON UGOTO.			UA-FLAG (LESS1) NOT = '1'	THEN IF DO-ACTION	OF TRS-IN-REC
INPUT 1.15TING	:		09		U5-0NE.	IF					09		•	JAY 500	IF			09		٠	U6- ZERC.	IF		
37/25/76	CA 3D NO	1209	1210	1211	12.2	1213	1214	1215	1216	12:7	1218	1 1219	654	1221	1222	:223	1224	1225	1226	1227	1228	1229	1230	1231

PROCRUSTEAN UPDATE	•	2926000	00009270	00000580	000003580	2020000	00000310	0000320	00003330	00003340	000000000	0000 3350	00006370	00003380	365 5 5 0 0 0	00003400	0000000	00003420	00000430	00009440	00009450	00003460	00009470	00009430
AUTOFLOW CHART SET - SRS	CONTENTS	FROM-UA-DATE (LESSI)	THEN MOVE 'Z-05' TO ERR-CODE	ELSE MUVE 'U-09' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESSI)	MOVE 1 TO STAT-USED-FLAG	MOVE 'S' TO UA-FLAG (LESS1).	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) 7:0T = '5'	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE ZERO TO TO-UA-DATE (LESSI)	MOVE 1 TO STAT-USED-FLAG	MOVE '1' TO UA-FLAG (LESSI).	TO UA-LONG-UPDATE-END.			UA-FLAG (LESS1) 1:07 = '5'	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG.
INPUT LISTING	i								9		U6- TWO.	15					05	•	U6-CME.	11				
07/23/78	CARD NO	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	5521	1245	1246	1247	1246	1249	1250	1251	1252	1253	1254

PROCRUSTEAN UPDATE	:	06760000	00003200	000009510	00005520	00306530	00009540	00003550	25.860000	00009870	09960000	03560000	. 00063000	01960000	00009620	00008630	00009640	09960000	00003690	00005670	00003690	36963000	00260000	00009710
AUTOFLOW CHART SET - SRS FRC	CONTENTS	ATE-END.					MOVE 'U-08' TO ERR-CODE	UA-LONG-UPDATE-END.	U7-ONE. U7-TWO	ON UGOTO.			107 = '1'	NOIL	OF TRS-IN-REC	= FROM-UA-DATE (LESS1)	THEN MOVE 'Z-05' TO ERR-CODE	ELSE MOVE 'U-09' TO ERR-CODE	DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	1 TO STAT-USED-FLAG	MOVE '3' TO UA-FLAG (LESSI).	DATE-END.	
INPUT (ISTING		GO TO UA-LONG-UPDATE-END.			U7-1YPE.	IF LESS1 = ZERO	THEN MOVE 'U-	00 00	GO TO U7-ZERO. U	DEPENDING	•	U7-ZERC.	IF UA-FLAG (LESS1) NOT	THEN IF DO-ACTION			THEN	3 513	ELSE MOVE DO-	28.5	MOVE 1	MOVE '3'	GO TO UA-LONG-UPDATE-END.	
37/23/78	CARD NO	1255	1256	1257	1258	1259	1260	1261	1262	1253	1254	1265	3531	12921	1268	1239	1270	1271	1272	1273	1274	1275	1276	1277

	2475																									
	PROCRUSTEM LPDATE	:	00009720	00009730	00009740	00000750	00003750	00009775	00006780	000000130	00350000	01680000	00000430	00007632	05650000	00003920	09880000	02003870	28850000	05850000	00060000	01660000	00009920	06660000	00009840	
	AUTOFLOW CHART SET - SRS	CONTENTS		UA-FLAG (LESS1) 7.0T = '3'	THEN MOVE . U-10' TO ERR-CODE	ELSE MOVE ZERO TO TO-UA-DATE (LESSI)	MOVE 1 TO STAT-USED-FLAG	NOVE '1' TO UA-FLAG (LESS1).	TO UA-LCNG-UPDATE-END.			IF UA-FLAG (LESS1) 1:0T = '3'	THEN MOVE 'U-10' TO ERR-CODE	ELSE MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG.	TO UA-LONG-UPDATE-END.				LESS1 = 2EHO	THEN MOVE 'U-11' TO ERR-CODE	GO TO UA-LONG-UPDATE-END.	TO U9-ZERO. U9-ONE, U9-TWO	DEPENDING ON UGOTO.	
	INPUT LISTING	:	U7-1WO.	16					99	*	UT-ONE.	11					9		•	147 - 6U	11			9		
)	07/23/78	CA 95 1.0	1278	1279	1250	1231	1292	1283	1284	1265	1286	1237	1283	1239	1290	1291	1292	1293	1294	1295	1296	1297	1238	1239	1300	

PROCRUSTEAM UPDATE		00003950	29860000	00009970	ND00C0393C	06660000	00010000	01001000	00010020	00010030	00010040	00010000	00010000	27001000	0001000	06001000	00010100	00010110	00010120	00010130	00010140	00010150	00010150	00010170
AUTOFLOW CHART SET - SRS F	CONTENTS			UA-FLAG (LESS1) 7:01 = '2'	PERFORM UA-SHORT-UPDATE THRU UA-SHORT-UPDATE-ENDODC0398C	MOVE '4' TO UA-FLAG (LESS1)	MOVE 1 TO STAT-USED-FLAG.	UA - LONG - UPDATE - END.			UA-FLAG (LESS1) 110T = '4'	THEN MOVE 'U-12' TO ERR-CODE	MOVE '2' TO UA-FLAG (LESSI)	MOVE 1 TO STAT-USED-FLAG.	UA - LONG - UPDATE - END.			UA-FLAG (LESS1) 110T = '4'	THEN MOVE 'U-12' TO ERR-CODE	MOVE DO-ACTION OF TRS-IN-REC TO	FROM-UA-DATE (LESS1)	MOVE 1 TO STAT-USED-FLAG.	UA-LONG-UPDATE-END.	
INPUT LISTING			U9 ZERC.	IF UA-F	THEN	ELSE		00 10	•	U9. TWO.	IF UA-F	THEN	ELSE		60 10		U9. CNE.	IF UA-F	THEN	3573			01 05	
37/25/78 INPUT	CA 3D NO	1331	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1316	1319	1320	1321	1322	1323

PROCRUSTEAN UPDATE	:	00010180	000101000	00010230	00010210	00010220	00010230	00016249	00010250	00016260	00010270	00010286	00010580	00016300	00010310	000:0320	00010330	00010340	00010350	00010360	00010370	00010380	00010390	00010400	
INPUT LISTING. AUTOFLOW CHART SET - SRS	CONTENTS	LA-LONG-UPDATE-END. EXIT.		FORGET - UA - L.	COYPUTE LESS1 = LOOP-INDEX - 1.	MOVE UA-LONG (LOOP-1"DEX) TO UA-LONG (LESS1).		EJECT.		EXTENSION-UPDATE.		IF TCC = 'EE' CR 'E1' OR 'E2' OR 'E4'	THEN GO TO EXTENSION-UPDATE-END.	IF TCC = 'EP' OR 'ER'	PERFORM BONUS-UPDATE THRU BONUS-UPDATE-END.	IF AREA-COUNT (5) > 8	THEN PERFORM FORGET-EXT VARYING LOOP-INDEX	FROM 1 BY 1 UNTIL LOOP-INDEX > 8	ADC 1 TO DROP.EXT.CTR	MOVE 8 TO AREA-COUNT (5).	IF TCC = 'EF' OR 'EP' OR 'ER' OR 'EX'	THEN GO TO EXT-OK	ELSE MOVE 'E-01' TO ERR-CODE	GO TO EXTENSION-UPDATE-END.	
97/23/78	CA 50 NO	, 1324	1325	1326	1327	1328	:329		1330	1331	1332	1333	1334	1335	1:36	1337	1333	1339	1340	1341	1342	1343	1344	1345	

POATE																								
PROCRUSTEAN UPDATE	:	00010410	00010420	00010430	00010440	00010450	00010480	EX)00010470	03001000 (00010490	00010500	x) 00010510	EX) 0001 0526	00010530	00013549	00010550	00010560	00010570	00010580	EX)00010590	009010000	00010610	00010620	EX)00010630
AUTOFLOW CHART SET - SRS	CCNTENTS			E AREA-COUNT (5) TO LOOP-INDEX.	LCOP-INDEX = ZERO	THEN ADD 1 TO LOOP-INDEX	MOVE EXTS-IND TO TOT-MON-EXT (LOOP-INDEX)	MOVE LAST-EXT-IND TO MON-LATEST-EXT (LOSP-INDEX) 00010470	MOVE 1 TO TOT-NUMB-EXT (LOOP-INDEX)	MOVE CO-ACTION	OF TRS-IN-REC	TO DT-LATEST-EXT (LOOP-INDEX) 00010510	MOVE AREA-COUNT (4) TO ENL-X-REF-FLAG (LOCP-INDEX)00010525	MOVE 1 TO AREA-COUNT (5)	MOVE 1 TO STAT-USED-FLAG	GO TO EXTENSION-UPDATE-END.	ENL-X-REF-FLAG (LOOP-INDEX) < AREA-COUNT (4)	THEN ADD 1 TO LOOP-INDEX	MOVE EXTS-IND TO TOT-MON-EXT (LOOP-INDEX)	MOVE LAST-EXT-IND TO MON-LATEST-EXT (LOOP-INDEX)00010590	MOVE 1 TO TOT-NUMB-EXT (LOOP-INDEX)	MOVE DO-ACTION OF TRS-IN-REC TO	DI-LATEST-EXT (LOOP-INDEX)	MOVE AREA-COUNT (4) TO ENL-X-REF-FLAG (LOOP-INDEX)00010630
INPUT LISTING	i		EX - 0K.	MOVE	IF												IF							
37/23/76	C4 35 HO	1346	1347	1346	1349	1350	1351	1352	1353	1354	1355	1356	1357	1338	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368

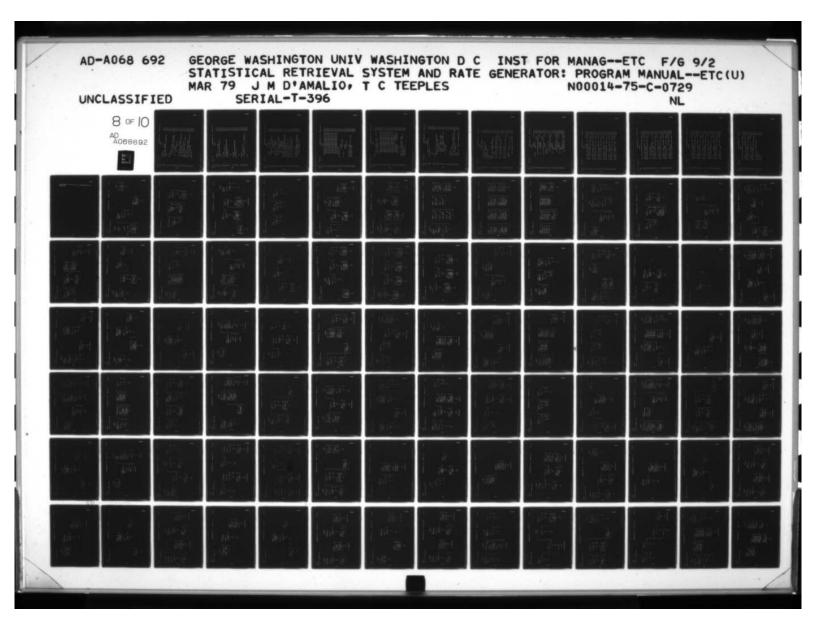
3.700																									
PROCRUSTEAN UPDATE	į	000:0640	00010650	00010000	00010870	0001000	00010690	000101000	01701000	00010720	00016720	00010740	00010750	00010750	27701000	00010780	00010730	00010800	01901000	00010820	00010830	00010840	00010850	00010660	
AUTOFLOW CHART SET - SRS PRO	CONTENTS	ECVE LOOP-INDEX TO AREA-COUNT (5)	MOVE EXTS-IND TO TOT-MON-EXT (LOOF-INDEX)	NOVE LAST-EXT-IND TO MON-LATEST-EXT (LOCP-INDEX) DC010650	WOVE CC-ACTION OF TRS-IN-REC TO	DT-LATEST-EXT (LOOP-INDEX)	ADD 1 TO TOT-NUMB-EXT (LOOP-INDEX).	O STAT-USED-FLAG.		TE-END. EXIT.			LESS1 = LOOP-INDEX + 1.	EXTENSION (LESS1) TO EXTENS:ON (LOCP-INDEX).		ECTION.	E WILL BE PERFORMED WHEN THE FORGET ROUTINE 00010790	STAMENT AREA IS INVOKED. THE CROSS-REFERENCE DOCIUBCO	CHANGED TO KEEP THEM IN PHASE WITH THE	DATA.		AREA-COUNT (5) TO ENDIT.	ENDIT = ZERO GO TO XREF-FLAG-CORRECTION-END.	ENL-X-REF-FLAG (1) = 1	
INPUT - ISTING		5	W 3S13	2	0.9		Ā	MOVE 1 TO		EX TENSION - UPDATE - END.	•	FORCET-EXI.	CONPUTE LE	MOVE EXTEN		XAEF-FLAG-CORRECTION.	. THIS ROUTINE WILL	OF THE ENLISTMENT	* FLAGS ARE C	. ENLISTMENT D	•	MOVE AREA-	IF ENDIT	IF ENL-X-R	
37/23/78	CM GPAD	998	1370	1371	1372	:373	1374	1375	1376	1377	1378	1379	1330	1361	1392	1383	1394	1365	1386	1367	1388	1389	1330	1391	

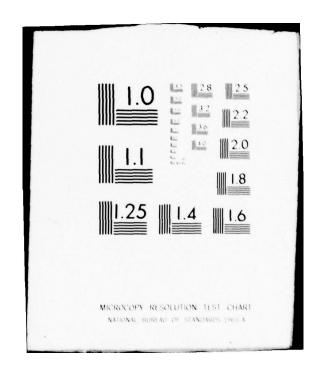
37/25/78	INPUT LESTING AUTOFLOW CHART SET - SRS FR	FROCRUSTEAN UPDATE	PDATE
CARD NO	CONTENTS	•	
1352	THEN PERFORM FORGET-EXT	00010370	
1393	VARYING LOOP-INDEX FPOM 1. BY 1 UNTIL	00010830	
1334	LOOP-INDEX > ENDIT	00010890	
1395	SUBTRACT 1 FROM ENDIT	00010800	
1396	SUBTRACT 1 FROM AREA-COUNT (5).	01601000	
1337	PERFORM REDUCE-XREF-FLAG VARYING LOOP-INDEX FROM 1	00010920	
1338	BY 1 UNTIL LOOP-INDEX > ENDIT.	00010930	
1399		01601000	
1400	XREF-FLAG-CORRECTION-END. EXIT.	00010350	
1401		00010000	
1402	REDUCE-XREF-FLAG.	00010970	
1463	SUETRACT 1 FROM ENL-X-REF-FLAG (LOOP-INDEX).	000109sc	
1424		0001030	
	EVECT	00011000	
1405		00011010	
1406	EOIUS-LPDATE.	00011020	
1407	IF AREA-COUNT (13) > 9	00011030	
1408	THEN PERFORM FORGET-BON VARYING LOOP-INDEX	00011040	
1409	FROM 2 BY 1 UNTIL LOOP-INDEX > 10	00011050	
1410	ADC 1 TO DROP-BON-CTR	00011000	
1411	MOVE 9 TO AREA-COUNT (13).	00011000	
1412	IF VRB-M = SPACES OR 'O' GO TO BONUS-UPDATE-END.	00011000	
1413	ADE 1 TO AREA-COUNT (13).	06011000	

CPDATE																									
FROCRUSTEAN UPDATE	:	00011100	00011110	00011120	00011130	00011150	00011130	00011160	00011170	00011180	061:1000	00011230	00011210	00011220	00011230	00011240	00011250	60 00011250	00011270	00011280	00011290	00011300	00011310	00011320	
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	MOVE AREA-COUNT (13) TO LOOP-INDEX.	MOVE VRS-M TO SRB-BON-TYPE (LOOP-INDEX).	MOLE VR3-P TO ZONE (LOOP-INDEX).	MOVE DO-ACTION OF TRS-IN-REC TO BONUS-DATE (LOOF-INDEX).	MOVE 1 TO STAT-USED-FLAG.	EDIN S-LPDATE-ELD. EXIT.		FORGET - BON.	COMPUTE LESSI = LOGP-INDEX - 1.	MOVE BONUS (LOOP-INDEX) TO BONUS (LESS1).	EVECT			TRAMSFERS - UPDATE.	IF AREA-COUNT (10) > 59	THEN PERFORM FORGET-TRANS VARYING LOOP-INDEX	FROM 2 BY 1 UNTIL LOOP-INDEX > 6	ADD 1 TO DROP-TRN-CTR	MOVE 59 TO AREA-COUNT (10).		MOVE AREA-COUNT (10) TO LOOP-INDEX.	IF PRES-RUC. OF TRS-IN-REC = RUC (LOOP-INDEX)	THEN IF PRES-MCC OF TRS-IN-REC = PMCC (LOOP-INDEX)	
57/23/76	CA 35 NO	1414	1415	1416	1417	1418	1419	:420	1421	1422	1423		1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	

PROCAUSTEAN UPDATE	:	00011339	00011340	00011350	0001:350	06011370	00011380	00011090	00011400	00011410	00011420	00011430	00011449	0001:450	00011460	00011470	00011480	00011490	00011500	00011510	00011520	00011530	00011540	00011550
INPUT .ISTING . AUTOFLOW CHART SET . SRS	CONTENTS	THER	MOVE '2.05' TO ERR-CODE	GO TO TRAMSFERS-UPDATE-END	ELSE NEXT SENTENCE	ELSE NEXT SENTENCE.	ASE 1 TO AREA-COUNT (10).	MOVE AREA-COUNT (10) TO LOOP-INDEX.	MOVE FORM-MCC OF TRS-IN-REC TO FMCC (LOOP-INDEX).	MOLE PRES-MCC OF TRS-IN-REC TO PMCC (LOOP-INDEX).	MOVE PRES-RUC OF TRS-IN-REC TO RUC (LOOP-INDEX)	MOVE STRENGTH-CAT OF TRS-IN-REC	TO STREN-CAT (LOCP-INDEX).	MOVE DO-ACTION OF TRS-IN-REC TO BEGIN-DATE (LOOP-INDEX).	MOVE 1 TO STAT-USED-FLAG.	TRADISFERS-UPDATE-END. EXIT.	FORGET - TRANS.	COMPUTE LESS1 = LOUP-INDEX - 1.	MOVE TRANSFERS (LOOP-INDEX) TO TRANSFERS (LESS1).		EUECT		TURBULENCE-UPDATE.	
37/25/78	CARD NO	1430	1437	1438	1439	1440	1441	1442	1453	1466	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454		1455	1456	1457

	PROCRUSTEEN UPDATE	:	00011580	00011570	20 00011580	0001159	0001;600	00011510	00011620	IDEX) 0001 1650	0). 00011640	00011650	00011660	00011670	00011693	00011690	00011700	00011710	00011720	00011730	00011740	00011750	00011760	00011770	00011780
	AUTOFLOW CHART SET - SRS	CONTENTS	AREA-COUNT (11) > 19	THEN PERFORM FORGET-TURB VARYING . LOOP-INDEX	FROM 2 BY 1 UNTIL LOOP-INDEX >	1 TO DROP-TUR-CIR	MOVE 19 TO AREA-COUNT (11).	1 TO AREA-COUNT (11).	E AREA-COUNT (11) TO LOOP-INDEX.	E PRES-MCC-JF TO PRES-MCC OF TURBULENCE (LOOF-INDEX)00011630	E FORM-MCC-JP TO FORM-MCC OF TURBULENCE (LOCP-INDEX).	E INT-TRANS-DT TO INT-TRANS-DATE (LOOP-INDEX).	E DAT-CTB-JP TO DCTB OF TURBULENCE (LOOP-INDEX).	E DO-ACTION-JP TO D-O-ACT (LOOP-INDEX).	REASON - CODE	MOVE TOUR-FAC TO TOUR-CONT-FAC (LOOP-INDEX).	E P.CH.STA TO PCS-COST-CD (LOOP-INDEX).	TRAINEE - FLAG	REASON - FLAG	E LAST-DATE-DTCH TO LAST-DATE-DET (LOOP-INDEX).	E GEO-LOC TO GEO-LOC-CODE (LOOP-INDEX).	E GEO-DCTB-UP TO GEO-DCTB (LOOP-INDEX).		TURBULENCE-UPDATE-END. EXIT.	
	511		1.			ADC		ADE	MOVE	MOVE	MOVE	MOVE	MOVE	MOVE		MOV	MOVE			MOVE	MOVE	MOVE		IRBULE	
	INPUT LISTING	:									,							•						1	
)	37/25/78	CARD NO	1453	1459	1460	1451	1462	1463	1464	1455	1466	1467.	1458	1459	1470	1471	1472	1473	1474	1475	1476	1477	1478	9741	1460





547.5																									
PROCRUSTEAN UFDATE	:	06011790	00011800	00011810	00011820	000:1830	00011840	00011850	00011850	00011373	00011680	00011890	00011000	00011910	0001:920	00011930	00011940	00011950	09611000	00011970	00011980	00011990	00012000	00012010	
INPUT LISTING AUTOFLOW CHART SET - SRS FI	CCNTENTS	FORCET - TURE.	COMPUTE LESSI = LOOP-INDEX - 1.	MOVE TURBULENCE (LOOP-INDEX) TO TURBULENCE (LESS1).	EJECT		MOSS - UPCATE.	IF AREA-COUNT (12) > 19	THEN PERFORM FORGET-MOS VARYING LOOP-INDEX	FROM 2 BY 1 UNTIL LOOP-INDEX > 20	ADD 1 TO DROP-MOS-CTR	MOVE 19 TO AREA-COUNT (12).		MOLE AREA-COUNT (12) TO LOOP-INDEX.	IF PRIMARY-WCS (LOOP-INDEX) = PMOS GO TO MOS-UPDATE-END.	ADE 1 TO AREA-COUNT (12).	MOVE AREA-COUNT (12) TO LOOP-INDEX.	* LOOP-INDEX IS BEING USED HERE AS A TEMPORARY	* SUISCRIPT VARIABLE.	MOVE PMOS TO PRIMARY-MOS (LOOP-INDEX).	MOVE DO-ACTION OF TRS-IN-REC TO MOS-DATE (LOOP-INDEX).	MOLE 1 TO STAT-USED-FLAG.	MOS-UPCATE-END. EXIT.		
37/25/78	CARD NO	1481	1452	1483		1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1456	1497	1498	1499	1500	1501	1502	

07/25/78 CA*D NO 1503 1504 1506 1506 1510 1511 1515 1516	CONTENTS **** CONTENTS FORCET-NOS. CONFUTE LESS1 = LOJP-INDEX - 1. MOVE MOS (LOCP-INDEX) TO MOS (LESS1). EJECT STAT-EFR-MESS. TO EPR-STAT-CTR. FEROR MESSAGES DELETED FOR MODIFIED UPDATE STAT-EFR-MESS-END. EXIT. EJECT EJEC	PACCAUSTEAN UFCATE 00012020 00012030 00012040 00012040 00012040 00012040 00012100 00012100 00012110 00012110 00012110
1517	EJECT	00012180
1516	EJECT	00012170
1517	EJECT	00012180
1517	¥ .	00012190
1520	IF RAMS-NEED-FLAG = '1' GO TO RAMS-UPD-CHK-END.	00012210
1522	ALL-UPC.	00012240

PROCRUSTEAN UPDATE	::	00012750	00012260	00012270	00012280	00012250	00012300	00012310	00012320	00012330	00012340	00612350	00012366	C001237C	00012380	00012390	00012400	00012416	00012420	00012430	00012440	00012450	00012460	00012470
INPUT LISTING AUTOFLOW CHART SET - SRS	CONTENTS	IF (SEP-DATE NOT = SPACES) AND	SEP-CATE NOT = ZEROS)	THEN MOVE SEP-DATE TO GRAD-SEP-DATE	MOVE '1' TO GRAD-SEP-FLAG	MOVE '1' TO RAMS-NEED-FLAG.	IF (GRAD-TRANS-DATE MOT = SPACES) AND	(GRAD-TRAMS-DATE NOT = ZEPOS)	THEN MOVE GRAD-TRANS-DATE TO GRAD-SEP-DATE	NOVE '2' TO GRAD-SEP-FLAG	MOVE '1' TO RAMS-NEED-FLAG.	MOVE MCC-ENLIST-AT TO MCC-ENLISTED.	MOVE CIV-ED-YRS OF RAMS-REC TO YEARS-ED OF CIV-ED-ENTRY.	MOVE CIV-ED-LVL OF RAMS-REC TO DEGREE OF CIV-ED-ENTRY.	MOVE CIV-ED-ENTRY TO CIV-ED-CURR.	MOLE AFAC-BO OF RAMS-REC TO COHORT-WORK.	MOVE YYMM TO COHORT-DATE.	MOVE DUTY-LMT OF RAMS-REC TO WORK-DUTY-LIMIT.	MOVE DUTY-LIMIT-CODE TO DUTY-LIMIT-ENTRY.		MOVE SPACES TO SCORES.	MOLE AFOT-AOT-FAM OF RAMS-REC TO AFEE-FORM-NUMBER.	IF (AFEES-C-GT OF RAMS-REC = '000' OR > '000') AND	(AFEES-C-GT OF RAMS-REC < '200')
TOANI	:																							
37/25/78	CA3D NO	1523	1524	1525	1528	1527	1528	1526	1330	1531	1532	1533	1534	1535	.536	:537	1538	1539	1540	1541	1542	1543	1544	1545

PROCRUSTEAN LEDATE	:	00012490	00012490	00012500	00012510	00012520	00012533	00012540	00012550	00012550	00012570	00012580	06521000	00012300	00012610	00012620	00012630	00012640	00012650	00012660	00012670	00012680	00012690	00012700	
AUTOFLOM CHART SET - SRS FR	CCATENTS	THEN MOVE AFEES-C-CO OF RAMS-REC TO AFEES-C-CO OF AFEES	MOVE AFEES-C-FA OF RAMS-REC TO AFEES-C-FA OF AFEES	MOVE AFEES-C-EL OF RAMS-REC TO AFEES-C-EL OF AFEES	MCVE AFEES-C-OF OF RAMS-REC TO AFEES-C-OF OF AFEES	MOVE AFEES-C-GM OF RAMS-REC TO AFEES-C-GM OF AFEES	MOVE AFEES-C-MM OF RAMS-REC TO AFEES-C-MM OF AFEES	MOVE AFEES-C-CL OF RAMS-REC TO AFEES-C-CL OF AFEES	MOVE AFEES-C-ST OF RAMS-REC TO AFEES-C-ST OF AFEES	MOVE AFEFS-C-GT OF RAMS-REC TO AFEES-C-GT OF AFEES	MOVE AFEES-C-SC OF RAMS-REC TO AFEES-C-SC OF AFEES	ELSE NEXT SENTENCE.	MOVE AFOT-A0T-SCO	OF RAMS-REC	TO AFEE-MNTL-GP-SCORE.	MOLE AQT-FLG	OF RAMS-REC	TO AFEE-TEST-FLAG.		MOLE TYPING-SCORE TO TYPING.	MOVE EDPT-SCORE OF RAMS-REC TO EDPT OF SCORES.	MOLE LAN-APT-SCO TO ALAT.			
out .isting	:																								
C7/25/78 INPUT	CA 2D NO	1546	1547	1548	5545	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1550	1561	1562	1563	1564	1565	1556	1567	1568	

37/25/78	INPUT LISTING AUTOFLOW CHART SET - SRS	PROCRUSTEAN UPDATE
CA 45 NO	CONTENTS	•
1589	DEP UPC.	00012710
1570	1F (DEPOT-C-CT OF RAMS-REC = '000' OR > '000') AND	VD 00012720
1571	(DEPOT-C-GT OF RAMS-REC < '200')	00012730
1572	THEN	00012740
1573	MOVE DEPOT-C-CO OF RAMS-REC TO DEPOT-C-CO OF DEPOT	OT 0001275C
1574	MOVE DEPOT-C-FA OF RAMS-REC TO DEPOT-C-FA OF DEPOT	90T 000127EC
1575	MOVE DEPCT-C-EL OF RAMS-REC TO DEPOT-C-EL OF D	DEPOT 00012773
1576	MOVE DEPOT-C-OF OF RAMS-REC TO DEPOT-C-OF OF D	DEPOT 00012786
1577	MOVE DEPOT-C-GM OF RAMS-REC TO DEPOT-C-GM OF D	DEPOT 00012736
1578	MOVE DEPOT-C-MM OF RAMS-REC TO DEPOT-C-MM OF D	DEPOT 00012803
1579	MOVE DEPOT-C-CL OF RAMS-REC TO DEPOT-C-CL OF D	DEPOT 00012810
0991	MOVE DEPOT-C-ST OF RAMS-REC TO DEPOT-C-ST OF D	DEPCT 00012820
1581	MOVE DEPOT-C-GT OF RAMS-REC TO DEPOT-C-GT OF D	DEPOT 00012830
1592	MOVE DEPOT-C-SC OF RAMS-REC TO DEPOT-C-SC OF D	DEPCT 00012840
1563	MOVE GT-GCT-SCO OF RAMS-REC TO DEPOT-GT-GCT	00012850
1524	MOVE DEP. ASVAB- DATE TO DEPOT-TEST-DATE	00012860
1585	MOVE DEP. ASVAB-FORM TO DEPOT-FORM-NUMBER	3 00012870
1586	ELSE NEXT SENTETICE.	00012830
1587		00012890
1588	COMPUTE YY-W = AFADBD OF FIXED / 10000.	00012300
1589	COMPUTE MM-W = (AFADED OF FIXED - YY-W * 10000) / 100.	00012910
1590	PEFFGRM DURATION-CALC.	00012920
1591	IF DURATION-MONTHS > 18	00012930

1/25/78	INPUT LISTING AUTOFLOW	AUTOFICM CHART SET . SRS FI	FROCRUSTEAN UPDATE	
CA 30 NO	CONTENTS		::	
1592	THEN MOVE '1' TO RAMS-NEED-FLAG.	AG.	00012340	
1593	PARIS-UPD-CHK-END. EXIT.		00012950	
1594	•		00012960	
,	EJECT		00012970	
1595			00012980	
1536	SRS-OUT.		00012550	
1597	PERFORM REC-LEM-COMPUTE THRU REC-LEN-COMPUTE-END	EN-COMPUTE - END.	00013000	
5.08	CALL 'WRITER' USING FIXED, SCORES,		00013010	
1509	MILITARY-EDUCATION (1).		00013020	
009:	ENLISTMENT (1), EXTENSION (1), GRADES (1),	. GRADES (1).	00013030	
1601	UA-SHCRT (1). UA-LONG (1).	DESERTION (1).	00010000	
1602	TRANSFERS (1), TURBULENCE (1), MOS (1).	1. MOS (1). BONUS (1), 00012050	. 00013050	
1653	SPARE14. SPARE15.		00013050	
1604	ADC 1 TO OUT-HIST-CTR.		00013070	
1603			00613080	
1606	•		00013090	
1637	REG-LEN-COMPUTE.		00013100	
1608	MOVE 4 TO REC-LEN.		00013110	
1609	" REC-LEN IS INITIALIZED TO 4 TO ACCOUNT FOR THE	COUNT FOR THE	00013120	
1610	. 4-BYTE LENGTH FIELD INCLUDED FOR VARIABLE LENGTH		RECORDS00013130	
1611	MOVE 1 TO LOOP-INDEX.		00013140	
1612	CALC-LCOP.		00013150	
1613	CONPUTE REC-LEW # REC-LEW + NOMINAL-LEW (LOCP-INDEX) *	WAL-LEN (LOOP-INDEX)	00013160	

AUTOFLOW CHART SET - SRS FROCRUSTELN UPDATE	CONTENTS	ADVANCING 5 LINES 00013290	ELSE NOVE ' ABRORMAL END ' TO 00013410	TOF-INFO CC01342	ARITE EOU-DISPLAY-REC, FROM TOP-LINES AFTER 00013430	ADVANCING 5 LINES GOOT3440	MOVE ' . SEQUENCE ERROR ' TO 00013450	TOP-INFO C00134*C	WRITE EOU-DISPLAY-REC FROM TOP-LINES AFTER 00013470	ADVANCING 3 LINES 00013480	IF ABEND-SWITCH . 3	THE: MOVE 00013500	SAS HISTORY FILE TO TOP-INFO 00013510	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00013520	ADVANCING 3 LINES 00013530	ELSE IF ABEND-SWITCH = 2 00013540	MOVE 00013550	RAMS HISTORY FILE TO TOP-INTO 00013550	WRITE EOJ-DISPLAY-PEC FROM TOP-LINES AFTER 00013570	ADVANCING 3 LINES 00013580	ELSE IF ABEND-SWITCH . 1 00013590	MOVE 00013600	" ** TRANSACTION FILE ** ' TO TOP-INFO 00013610	WRITE EOJ-DISPLAY-REC FROM TOP-LINES AFTER 00013620	
INPUT LISTING	:																								
37/25/78	04 0673	1636	1637	1638	1639	1640	1641	16:2	1643	1644	1645	1646	16.47	8:-91	1619	1650	1631	1652	1653	1654	1655	1656	1657	1658	

07/25/78 INPUT LISTING AUTOFLOW CHART SET - SRS PROCPUSTEAN UPDATE CAND NO	1635 JINES. 05013630	1850 MOVE 'NUMBER OF SRS HISTORY RECORDS. INPUT' TO LOW-IN-FO.00013640	1651 MOVE IN-HIST-CTR TO LOW-NUM. 00013650	1852 . WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00013550	1663 . LINES. 00013670	1864 MOVE 'NUMBER OF SRS HISTORY RECORDS OUTPUT' TO LOW-INFO.CO013680	1965 MOVE OUT-HIST-CTR TO LOM-NUM.	1656 WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING GODI3700	1687 2 LINES. 00013710	1658 MOVE 'NUMBER OF RAMS HISTORY . RECORDS READ ' TO LOW-IN-0.00013720	1689 WOVE IN-RAMS-CTR TO LOW-NUM.	1670 WRITE EQU. DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00015745	1671 2 LINES, 0001373C	1672 MOVE 'NUMBER OF RAMS HISTORY RECORDS MATCHED ' TO LOW-INFO.00013760	1673 MOVE RAMS-MATCH-CTR TO LOW-NUM.	1874 WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 00013789	1675 2 LINES, 00013790	1676 MOVE 'NUMBER OF TRANSACTION RECORDS READ ' TO LOW-INFO.00013800	1677 MOVE IN-STAT-CTR TO LOW-NUM.	1678 WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING COO1382C	1679 2 LINES, 00013630	1680 MOVE 'NUMBER OF TRAISACTION ERROR RECORDS ' TO LOW-INFO.00013840				ADVANCING ADVANCING ADVANCING ADVANCING BUDIT: TO LOW-IN- WOLE IN-HIST-CTR TO LOW-NUM. WOLE OUT-HIST-CTR TO LOW-NUM. ARTIE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 2 LINE WOLE NUMBER OF RAMS HISTORY RECORDS MATCHED ' TO LOW-IN- WOLE NUMBER OF TRANSACTION RECORDS READ ' TO LOW-IN- WOLE NUMBER OF TRANSACTION RECORDS READ ' TO LOW-IN- WOLE IN-STAT-CTR TO LOW-NUM. 2 LINE WOLE 'NUMBER OF TRANSACTION RECORDS READ ' TO LOW-IN- WOLE IN-STAT-CTR TO LOW-NUM. 2 LINE WOLE 'NUMBER OF TRANSACTION RECORDS TEAD ' TO LOW-IN- WOLE 'NUMBER OF TRANSACTION ERROR RECORDS ' TO LOW-IN- RATIE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING 2 LINE WOLE 'NUMBER OF TRANSACTION ERROR RECORDS ' TO LOW-IN-
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PROCRUSTELN UPDATE	i	2360	3870	2880	0880	3068	3168	3520	930	075	9530	356	976	250	05.50	900	010	1020	030	1040	090	0901	070	Cao
	•	4DV4NCING 60013960	2 LINES. 00013870	TO LOW-INFO.00013	00013880	ADVANCING 00013900	5 LINES. 00013910	00013520	00013830	RECORD 15 ' TO LOW-INFO.00012940	00013680	ADVANCING 00013530	2 LIMES. 0001397C	TO LOK-11.FO.00013	06961000	ADVANCING COC14000	2 LINES. 00014010	DROPPED ' TO LOW-INFO.00014020	00014030	ADVANCING 00014040	2 LINES. 00014050	FIELDS DROPPED ' TO LOW-INFO.00014060	00014070	AFTER ADVANCING 00014080
AUTOFLOW CHART SET - SRS	CONTENTS	FROM LOW-LINES AFTER ADVANCING		RS HISTORY FILE IS'	-NUM.	EDJ-DISFLAY-REC FROM LOW-LINES AFTER		* 030	UT-HIST-CTR.		-NUM.	EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING		ENLISTMENT FIELDS DROPPED " TO LOK-INFO 00013390	r-NUM.	OM LOW-LINES AFTER		FIELDS	F-NUK.	EGU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING		FIELDS DROPPED	F-NUM.	SPOR LOW-LINES AFTER
	5	EOU-DISPLAY-REC		MOVE 'TOTAL LENGTH OF SRS HISTORY FILE IS' TO LOW-INFO. DCD13880	MOVE REC-LEN-TOTAL TO LOW-NUM.			JTE AVG-REC-LEN ROUNDED	PEC-LEN-TOTAL / OUT-HIST-CTR.	MOVE 'AVERAGE LENGTH OF A HISTORY	MOLE AVG-REC-LEN TO LOW-NUM.			'NUMBER OF	DROP-ENL-CTR TO LOM-NUM.	WRITE EOJ-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING		'NUMBER OF EXTENSION	DROP-EXT-CTR TO LOM-NUM.			MOLE 'NUMBER OF GRADE	DROP-GED-CTR TO LOM-NUM.	290.7416910.1.03
INPUT .ISTING	i	WRITE		MOVE	MOVE	BRITE		3104 PUTE		MOVE	MOVE	#R11E		3ACM	MOVE	MRITE		MOVE	MOVE	WRITE		3 YOM	MOVE	21.07
51/25/18	C4 99 %	1682	1633	1664	1685	1536	1627	1638	1689	1690	1691	1697	5691	1634	1695	1696	1691	1658	1699	1700	1701	1702	1703	1704

311040 W	,	9	0	0	0	0	2	O	0	0	0	Ö	0	7		Q	0	0	0	0	G	0	0	O
SET - SRS PROCRUSTELM UPDATE	•	2 LINES, 00014030	DROPPED ' TO LCM-INFO.00014100	5.171000	AFTER ADVANCING 00014120	2 LINES, 00014130	FIELDS DROPPED ' TO LOW-INFO.00014146	00014150	AFTER ADVANCING 00014180	2 LINES, 00014170	DESERTION FIELDS DROPPED ' TO LOW-INFO. 00014180	00014190	AFTER ADVANCING 00014200	2 LINES, 00013210	FIELDS DROPPED ' TO LOW-INFO.00014220	60014236	TER ADVANCING 00014240	2 LINES. G0014250	TURBULENCE FIELDS DROPPED ' TO LOW-INFO.00014260	00014276	AFTER ADVANCING 00014280	2 LINES, 00014250	DROPPED ' TO LOW-1NFO.00014300	00014310
AUTOFIOW CHART SET	CONTENTS		SHORT FIELDS	C LOW-NUM.	FROM LOW-LINES		FONG	D LOW-NUM.	FROM LOW-LINES		SERTION FIELDS DROPE	TOM-NUM.	FROM LOW-LINES		TRANSFERS FIELDS DROPE	LOW-NUM.	FROM LOW-LINES AFTER		RULENCE FIELDS DROPE	LOW-NUM.	FROM LOW-LINES		FIELDS	LOW-NUM.
			MOVE 'NUMBER OF UA	MOVE DROP- UAS-CTR TO	WRITE EOJ DISPLAY-REC		MOVE 'NUMBER OF UA	MOVE DROP-UAL-CTR TO	WRITE EOJ DISPLAY-REC		MOVE 'NUMBER OF DES	MOVE DROP-DES-CTR TO	WRITE EOJ-DISPLAY-REC		MOVE 'NUMBER OF TRA	MOVE DROP-TRN-CTR TO	WRITE EDU-DISPLAY-REC		MOVE 'NUMBER OF TUR	MOVE DROF-TUR-CTR TO	WRITE EDU-DISPLAY-REC		MOVE 'NUMBER OF MOS	MOVE DROP MOS-CIR TO
INPUT LISTING	:																							
27/25/78	C445 %	1705	1706	1797	1708	1709	1710	1111	1712	1713	1714	1715	1716	1111	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727

77/25/78 CARD NO	INPUT LISTING		AUTOFLOW CHART SET . SRS	SRS FROCRUSTEAL UPDATE	
1723		WRITE EDU-DISPLAY-REC FROM LOW-LINES AFTER		ADVANCING GOOTA320	
1729				2 LINES. 00014330	
1730		MOVE 'NUMBER OF BOLUS	FIELDS DROPPED	DROPPED ' TO LOW-INFO.00014340	
1731		MOVE DROP-BON-CTR TO LOW-NUM.	NUM.	00014350	
1732		WRITE EOJ DISPLAY-REC FROM	FROM LOW-LINES AFTER ADVANCING	ADVANCING 00014360	
1733				2 LINES, 00014373	
1734		MOVE 'NUMBER OF ARCHIVE RECORDS WRITTEN		' TO LOW-INFO.00014380	
1735		MOVE ARCHIVE-CTR TO LOW-NUM.	·um.	06071000	
1726		WRITE EOU-DISPLAY-REC FROM LOW-LINES AFTER ADVANCING	I LOW-LINES AFTER	ADVANCING 000:4400	
1737				2 LINES. 00014415	
1738		CLOSE RAMS-IN, TRS-IN, EO	EOJ-DISPLAY, ERR-OUT-ST	57. 00014420	
1739		CLCSE ERR-OUT-RAMS.		00014439	
1740		CLOSE TRS-CRP.		C001443G	
1741		CALL 'CLOSER'.		00014450	
:742		STCP RUN.		00014460	

3.13.4 Flowchart. The following chart is an AUTOFLOW charting of the SRSUPDXX logic.

. 2.01.

CHART TITLE - PROCEDURE DIVISION

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357c

PROCRUSTEAK UPDATE

AUTOFLOW CHART SET - SRS

- 679 -

37/25/78

1 (179000)

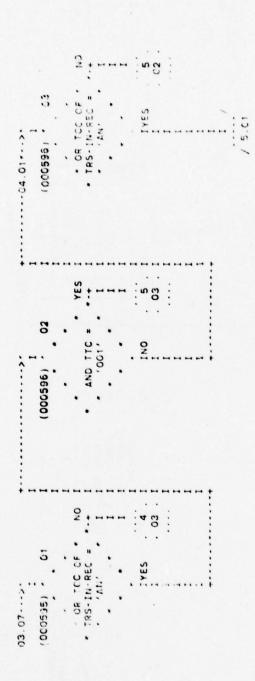
1.25.11

	ZERO-CHE I (000584) I	I RAMS-VS-SR I	HIST: • 1 1 1 10 6 1 1 10 6 1 1 1 1 10 10 10 10 10 10 10 10 10 10 1	· YES I	S PARAGRAPH I (000582) . 02 I (000585, . C4	TRS IN REC = HIGH-VALUES* NOOSE6) I RAMS-VS I STAT-REC I TRACCGH I TRACCGH I TRACCGH I STAT-REC I ANALYSIS-I	· OTOTA . HHHHHHH OL . HH	(000580)
FEC. IIII	YES I	YES I I I I I I I I I I I I I I I I I I I	YES I		MID OF TRS-IN-REC YES I MID OF TRS-IN-REC YES I	HIGH-VALUES* I	SRS-HIST- I	
PEC YES I	SRS-HIST- I I I HIGH-VV -	SRS-HIST- I I SRS-HIST- I I SRS-HIST- I I I I I I I I I I I I I I I I I I I	SAS-HIST- I I SRS-HIST- I I I SRC YES I I I I I I I I I I I I I I I I I I I	SASTALIST - TSH-ST- I				
01	O1	01	01 I * TRS-IN-REC * YES I * MID CF * * * * * * * * * * * * * * * * * *	01 I * * MID OF * * + I * TRS-IN-REC = . SRS-HIST * I I * * HIGH-VALUES*			·MID OF ·	

- 680 -

	6																								•••	0042
0	UPDATE PAGE 03			/ '060554' /	62.01>	A-ZERO-CHECK	PRECEDEN		(000000)		. TGC OF . YES	. ,40,		CZ	1		 •••	,	10.4 /							
	AUTOFLOW CHART SET - SRS FROCRUSTEAN UPDATE						(000250) 04		NO * NO * TON BEAR CODE NOT	I SPICES			1 1 1 5 5	PH 144		8	 ••	I I STAT-ERR- I .I		I I MESS-END I I		+03.01>1	1 06	 . 5.06.	. :	READ-ANOTHER-STAT
	AUTOFLOW				02.05>	(000587) * 02	2	STAT-USED	. FLAG = 1 .		IYES		•		(000588) I 03	-	 IO I THROUGH I OI	I MOS-UPDATE - I	***************************************	•	+					
0	37/23/78	CHART TITLE : PROCEDURE DIVISION											_	681			***************************************	I 00 I (58500)	14 1	I. I STAT-UPDATE I .: I	10 1 1 01			 •	. 3.06.	

- 681 -



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HISTORY-READ

CHART TITLE . FROCEDURE DIVISION

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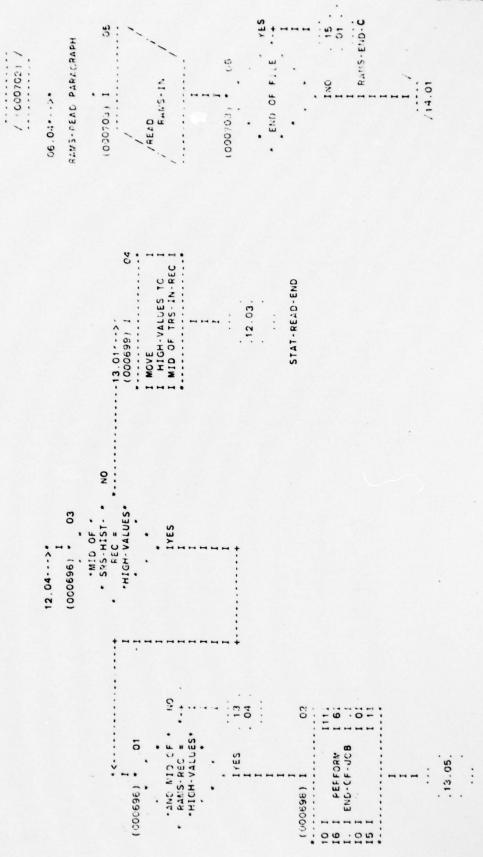
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97/25/78

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MID OF
TRS-IN-REC
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PARAGRAPH
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PARAGRAPH
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RAMS . END - CHECK

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97/25/78

SRS-READ

CHAST TITLE - PROCEDURE DIVISION

/ (000723) /

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SAS-END-CHECK

CHART TITLE . PROCEDURE DIVISION

07/23/78

PAGE 17

PROCRUSTEAM UFDATE

AUTOFLOW CHART SET . SRS

CHART TITLE , SACCEDURE DIVISION

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AUTOFLOW CHART SET - SRS

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37/23/18

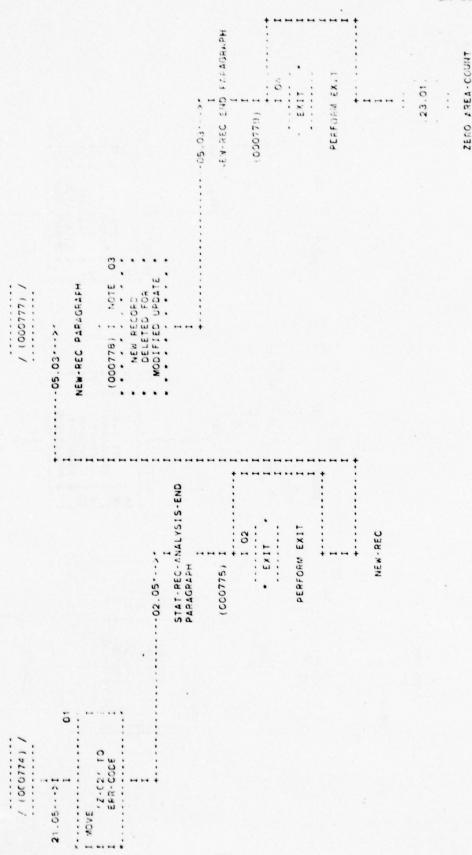
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CHART TITLE - FRCCEDURE DIVISION

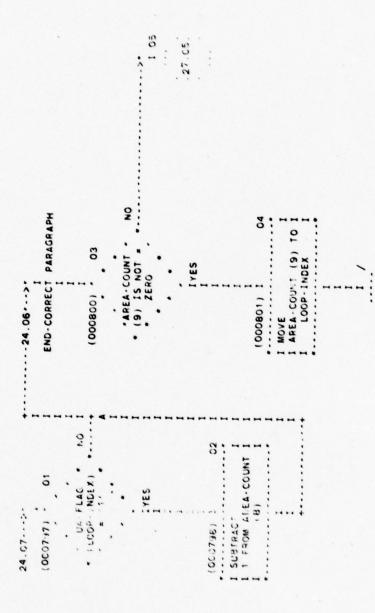


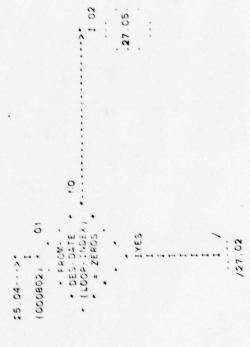
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DESERTION-UPDATE-END

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	(000807) 1 04	I MOVE I I ERR-CODE I	DESERTION-UPDATE-END
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		(00080£) 1 01	I 'Z-C5' F0 I EFR-COCE I I I I I I I I I I I I I I I I I I I

/ (000817) /

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/ (000817) /		23.02>	RETURN-UPLATE		(300916)		1 APEA-COUNT (9) TO I	LCCP-INCE X	·	1 190001	٠		. LOOF-INSEX =	ZERC . I			1755 . 28 . 1				+				

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/ (000637) / 29.01>1	(000837) 03	SEE NOTE ABOVE IYES		
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DESERTION UPDATE-END

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07/23/78

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	32.01>	(000853) . 04		04 .	AREA-CCUNT			. 55				000000	ALIZE	I LOOP-INDEX TO 2 I		•		1 /		/33.01							
			R-TYPE PARAGRAPH			(000917) · 02		* AREA-COUNT *-+	*(4) = ZERO ' I		 				• ••	(000918) 1 03	•••••••••••••••••••••••••••••••••••••••	I MOVE	1 'R-02' TO I	ERRICODE	1	1	1	***	42 02		ENLISTMENT-UPDATE-END
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ENLISTMENT-UPDATE-END

/ (02800) /	34.01>* 44-TYPE PARAGE,PH	(03067') I 06 I A00 I 1 TO ASEA-COUNT I	MOVE (4) AREA-COUNT (2) TO I LOGP-INDEX MOVE CUR-SORS-EDIT OF I	SOURCE-OF-ENTRY I (LOOF-INDEX) I	35,01	
		(000866) 7 03	7CC = 'AB'	INO 37	(000857) I 04 I MOVE I A-04' TO I ERR-CODE	
	(000865) 02	. TCC = 'A5'	INO . 35 . I I . 04 . I I AS-TYPE I	1		
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57/25,78			AUTOFLOW CHART SET . SRS	PROCRUSTEZA, UPDATE	35
CHAST TITLE - PROCEDURE DIVISION	DIVISION				
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			(000883)		
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CHART TITLE - PACCEDURE DIVISION

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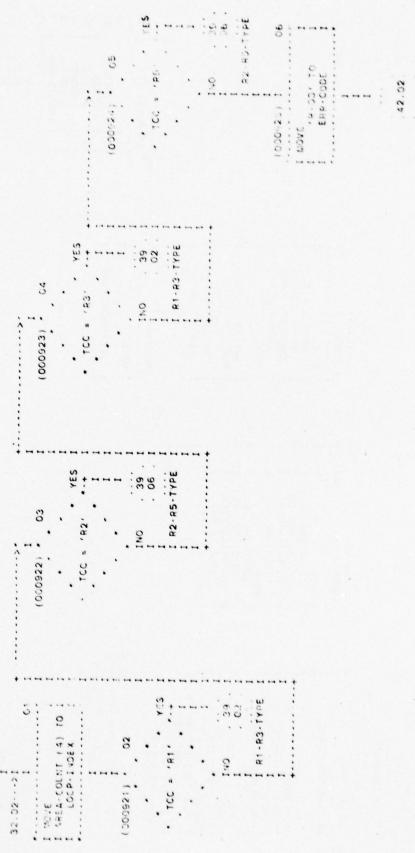
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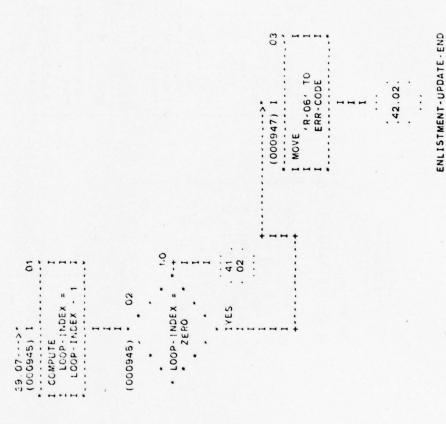
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CHAST TITLE - PROCEDURE DIVISION

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					(000959) 1 04		I "R-04' TO I			1	1 05			.42.02.				ENLISTMENT - UPDATE - END										
/ (000349) /	40.02>1	. 02	*SEPARAT.	. (x	* = ZERO .		•	IYES	•		•		+ (000953, 1 03		I I WOVE I	I I REENL-IND TO I	I I REENL-INDIC I	I (LOOP: INDEX) I	I DO-ACTION OF I	I I TRS-IN-REC TO I	I I SEPARATION-DT I	I (TOOP: INDEX) I		 *************				
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/ (0000)/	33.02>	FORGET - ENL PARAGRAPH		(000972) 1 03 :		I COMPUTE I	LESS1 = 1000-10001		I ENLISTMENT I	2	(15821)			33.02>1	(0009/3)	1 04	 . EXIT . 11	 PERFORM EXIT			***********	DURATION-CALC		
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GPADE - UPDATE

CHART TITLE + PROCEDURE DIVISION

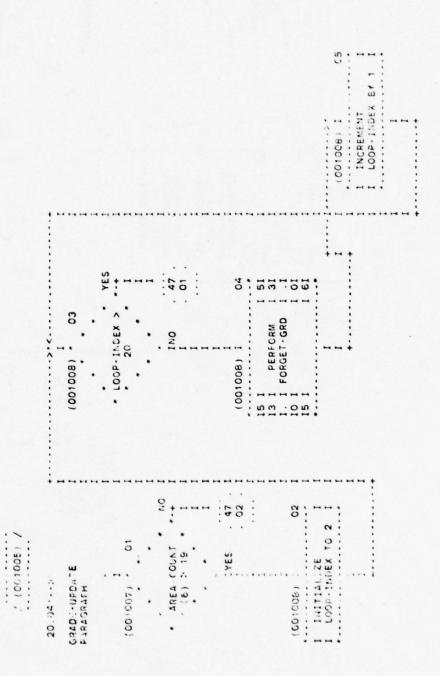
37/25/78

FAGE

FROCRUSTEAM UPDATE

AUTOFLOW CHART SET - SRS

CHAST TITLE - PROCEDURE DIV. SICH

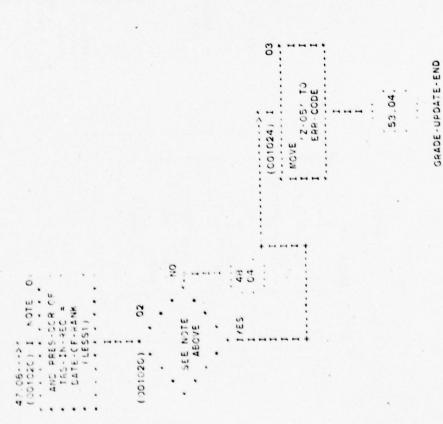


- 724 -

GRADE - UPDATE - END

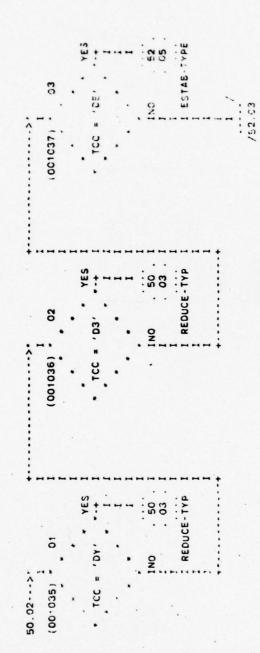
/ (00:017) /	I KOVE I AREA-CCUMT (E) TO I	MOVE I GRADE (LESSI) TO I I MOVE I MOVE I OCACECIO	(00102c)	NEW GRADE = OLD GRADE = I YES 1 YES 648	/48.01
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/ (0010261 /	47.06>I NOTE 04			. GRADES	41	4	FDITIN	 	 (001028) - 05			I ON .	* FST-GRD-LETG *****				IYES	bet .		 	



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	×	(001047) 1 05	I ADD	I 1 TO AREA-COUNT I	I (9)	I AGEA COURT AGE TO	I LOOP-INDEX I	I MOVE I	I PRES-CRD OF I	I TRS-IN-REC TO I	I GRADE 1	I (LOOP-INDEX) I		•	(001050)		I MOVE	I PRES-DOR OF I	I TRS-IN-REC TO I	I DATE-OF-RANK I	I (LOOP-INDEX) I	I	1	1		. 53.03.	::	GRADE - END - 1
49.62*>*	PROMOTE-TYPE PARAGRAPH	•	•	(001044) * 03 I			٠	-> OLD-GRADE.			1460	53.1		• • •		1	(001045) I 04	***************************************	I MOVE	1 01.03.10	300				•	.53.04.	•	GRADE - UPDATE - END
44.07>• (301029) 1 C: +	1 100. 10	FST-GEO-LETN	1	17	(001031) - 02			1 621					CNI	ı		•			' !		/49.07							

	(03)0671 1 06		1 430	1 10 23-8-21 211	3/08 :	I 45E2-COUNT (61 TO]	. 1 LCOP-140. 1	I BACK I	I PRES-GRD OF 1	I 185-14-8EC 10 1	1 640 1	I (100P-150E+) I			 30		3 0000000000000000000000000000000000000	1 178 14-910 1	I Date OF RANK I	I (1005-4007) I	***************		•	::	53.03	* * *	
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3.072		1 , 20, 1)51				140 . 49 . 1	50	1 6500005	1			*															



- 730 -

UA - SHORT - UPDATE

/ (180102) /	7083ET-CRD DARLGRAPH	30 [(280100)	I COMFUTE LESS1 = I I LCOP-INDEX - 1 I	I (LCOP-INDE) TO I	46.94) I (001063) I	90 1	PERFORM EXIT	+	. 54. 01.
	!			20.04>	GRADE-UPDATE-END I PARAGRAPH I	(001079) 1	, , , , , , , , , , , , , , , , , , ,	PERFORM EXIT I I I	FORGET-GRD
	GRADE-END-1 PARAGRAPH	(001077) 1 03	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
/ (0C1070) /	52.01>* DI=F-TYPE FARAGRAPH	(001071) 1 01	1 ADD 1 1 TO AKEA-COUNT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AREA-COUNT (5) TO	1 185-18-360 10 1 185-18-360 10 1 (LOOP-1406X)	1 (001074) 1 (22 1	DOR OF	I CLOOP-INDEX) I	

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	(001030)	. AREA-COUNT 1	1YES	(001091) I 04 II INITIALIZE I I I I I I I I I I I I I I I I I I		
/ (001086) /	20.06> UA-SHORT-LPDATE I	001086) ' 01	7 55 4	1 1 55	AT THIS POINT.	A 21 TAPE

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						1 (901100) 1	I MOVE 13' TO I		.57.02	UA-SHORT-UPDATE-END
/ (001103) /	54.01>- TYPE-U9 PARAGRAFH	(001104) 1 04	I AREA-COULT (7) TO I	(001105) 05	* LOOP-INDEX =	1 YES . 56 . 1 . 02 .				
					001099, 1	I MOVE I '1' TO UA-SH-FLAG I I (LOOP-INDEX) I (LOOP-INDEX)	I STAT-USED-FLAG I	;	.57.02.	UA - SHORT - UPDATE - END
/ (001093) /	54.05>1	1 TO ERCP-UAS-CIR I NOVE 125 TO AFEA-COUNT 1	54.03>I (50109E) I 02	1 10 AFEA-COUNT : (7)	AREA-COUNT (7) TO I	DATE OF UA I I				

CHART TITLE - FRCCEDURE DIVISION

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 / (001108) /		55.05>1	I NOTE 02	•	* DO-ACTION OF *	. TRS-IN-REC = .	* DATE-OF-UA .	. (LOOP-INDEX) .	 •		(001108) - 03	•	ON .	* SEE NOTE	. ABOVE .			IYES	•••			* * * * * * * * * * * * * * * * * * * *								
																					(00:100)		1 2002 1	I '2' TO UL-SH-FLAG I	1 (LOCP NDEX) I				.57 01.	

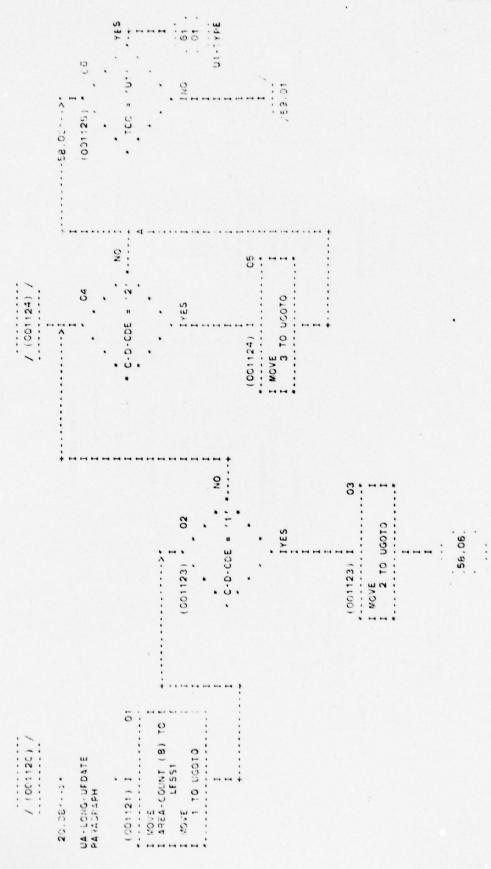
UA-LONG-UPDATE

I MOVE

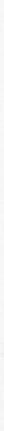
- 735 -

27/25/78

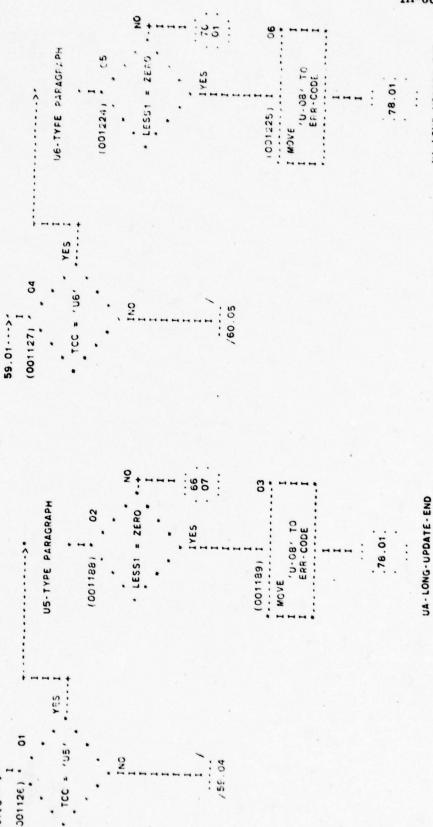
CHART TITLE - PROCEDURE DIVISION



UA - LONG - UPDATE - END



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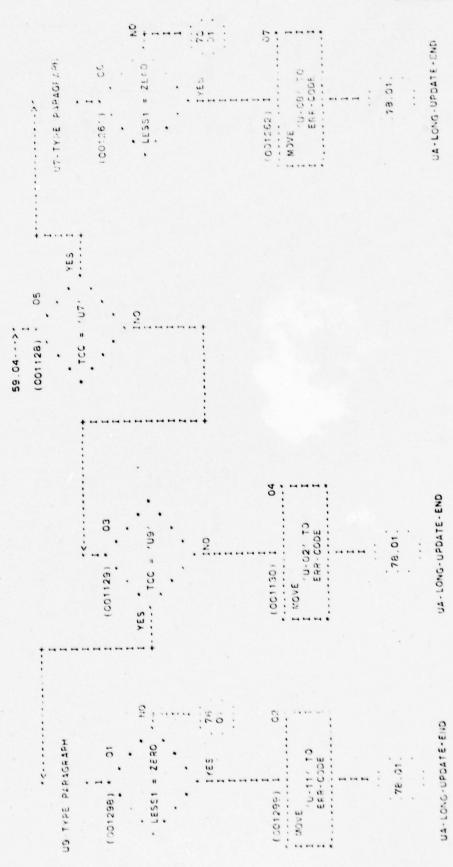


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CHART TITLE - PROCEDURE DIVISION

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CHART TITLE + PROCEDURE DIVISION



CHAPT TITLE - PROCEDURE DIVISION

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CHANT TITLE - PROCEDURE DIVISION

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		(001:44) 1		I ADD	I 1 TO AREA-COUNT	I (8)	I MOVE	I DO-ACTION OF	I TRS-IN-REC TO	I TO-UA-DATE (1)	I MOVE	I '1' TO UA-FLAG	1 (1)		1		(001147) I		I MOVE	T STAT-USED-FLAG	I MOVE	I ZERO TO	I FROM-UA-DATE (1)	
		-				I 01	1 +	1 I	1 I	1 :	. · · ·	63 . 1	01 . 1	. · · ·	1	1		*****						
PARAGRAPH I			0				ZERC .	•			,	IYES . 6												
61.07>	•	1	(001143)				. LESS1 =				•	1	1		I	I		+						

UA-LONG-UPDATE-END

.18.01.

- 740 -

. 64.03

07/25/78

		(001155) 1 04 I MOVE I 01 10 I I ERR-CODE I		
	(001151)	* ACTION OF NO * TRS-IN-REC = ***********************************	(001154) I 03 I MOVE I CZ-05, TO I ERR-CODE I	
62.01>	UA-FLAG . NO . LESS1 = '1'	5		

UA-LONG-UPDATE-END

CHART TITLE . FRCCEDUPE DIVISION

			(001160) 1 02	I MOVE I	I FROM-UA-DATE I	I (100P-INDEX) I	I STAT-USED-FLAG I	.03*>1	
/ (001156) / 	ADD 1 TO AREA-COUNT	IRS-IN-REI TO-UA-DA	1	*					

- 742 -

UA-LONG-UPCATE-END

. 78.01.

--65.02*-->1

.65.07

- 743 -

07/25/78

CHART TITLE : PROCEDURE DIVISION

/ (161100) /	 59.02>1	 1 SO TO DEPENDING 1	: 01:06010	:	1 90 60 310-9n 1			1	1 /	• • • • •	/67.01																	
											(001181) I 05		I MOVE	1 DO-ACTION OF	TO TACTORIE	I (LESS1) I	I MOVE I	1 1 10 1	I STAT-USED-FLAG I		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 06			.78.01.			UA-LONG-UPDATE-END
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(001176)	 61.07>	U1-ONE FAFAGRAPH		-	(001177) · 01	I CN .	. LESS1 = ZERC				3371	53-1		1			(001178) 1 6.2	1 2076	1 01,93-9, 1	I ERR-CODE (•		. 66. 05		***

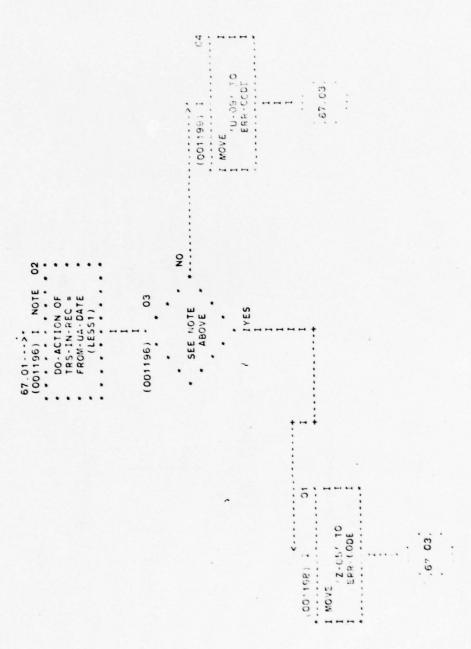
UA-LONG-UPDATE-END

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CHART TITLE . PROCEDURE DIVISION

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CHART TITLE - PROCEDURE DIVISION



07/25/78

- 747 -

UA-LONG-UPDATE-END

/ (00.227) /

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- 748 -

PROCRUSTEAN UPDATE

AUTOFLOW CHART SET - SRS

70.02...> (001232) I NOTE (DO-ACTION OF TRS-IN-REC = FROM-UA-DATE (LESS1)

03 (001232)

SEE NOTE

(001236) 1 1 MOVE 1 (U.09' TO 1 ERF-COE

IYES

.70.01.

(00)235); 0: I MOVE I

.70 04.

07/25/78

CHART TITLE - PROCEDUPE DIVISION

CHART TITLE : PROCEDURE DIVISION

				Λ Λ 	(001254) I 07	anca l	1 DO-ACTION OF I	I THS IN-REC TO 1	I FROM-UA-DATE I	1 (15531) 1	I GOVE	57.37-115E0-F. 4.G			14	37.		.78.01.		 UA-LONG-UPDATE-END	
/ (001251) /	70.01>	U6-ONE PARAGRAPH	 (001252) . 05	* UA-FLAG * NO * (LESS1) NOT = *				IYES			•••		(001253) 1 06		I MOVE I +	I ERR-CODE I I	I ************************************	1 1			
				•	(001246) I 03 .	I MOVE	I ZERO TO I	I TO-UA-DATE I	I (LESSI) I	I MOVE	1 01 1 1	I MOVE	I '1' TO UA-FLAG I	I (15551) I			I 04		78 01		UA - LONG - UPDATE - END
/ (001243) /	70.61>*	U6 - TAO FAFAGRAPH	 (001244) : 01	. (LESS!) NOT = *	. ,5,			IYES			-	•	(001245) 1 02		1 MOVE 1	I EFR-CODE : +	I	1			

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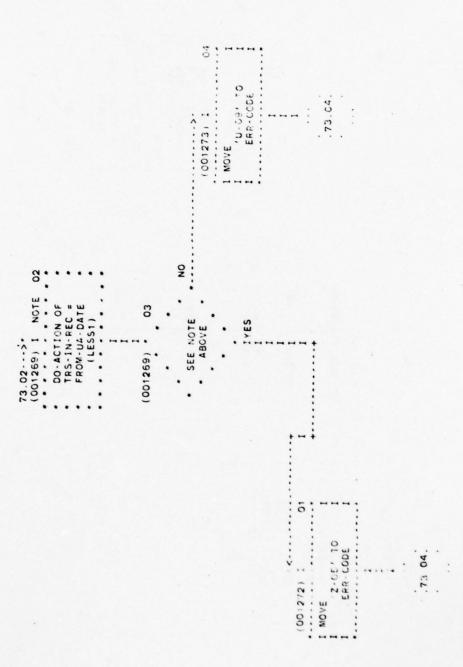
UA-LONG-UPDATE-END

- 751 -

07/25,78

P.16E 73

CHART TITLE - FRCCEDURE DIVISION



75

PAGE

PROCRUSTEAN UPDATE

AUTOFLOW CHART SET - SRS

CHART TITLE : PROCEDURE DIVISION

37/25/78

UA-LONG-UPDATE-END

CHART TITLE . PROCEDURE DIVISION

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76.03>* (C01305) 1 5 1 PERFORM 1 4 1 UA-SHORT- 1 1 UPDATE I I 1 UPDATE-END I 1	07	:	51	7.1	-	10	21	-	-	*					
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PROCRUSTEAN UPDATE

AUTOFLOW CHART SET . SRS

07/23/78

CHAST TITLE - PROCEDURE DIVISION

CHART TITLE : PROCEDURE DIV SICK

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	/ (001233) /	+21.02>-	EXTENSION-UPDATE PARAGRAPH		(001335) 7 04	* .	. YES 1	* TCC = 'EE'+			0VI	1 003				***********						
	/ (001328) /	61.04>	FORGET-UA-L PARAGRAPH I	(061329) 1 02	I COMPUTE,	I LCOP-INDEX - 1 I I	I WOVE I	I (LCOP-INDEX) TO I I	I UA-LONG (LESSI) I I		81.04>1	(001330) I	I +	1 03	EXII .	I I	1 1	PERFORM EXI.	********	1	 *	EXTENSION-UPDATE
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37/23/78

CHART TITLE - PROCEDURE DIVISION

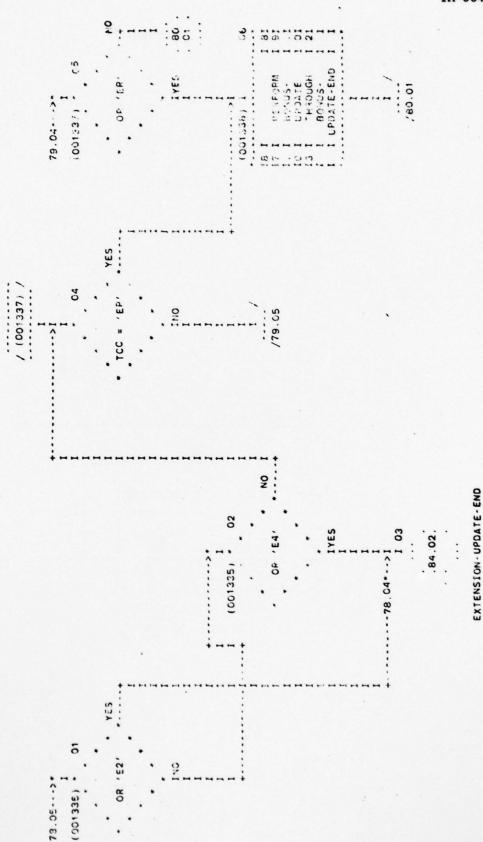


CHART TITLE - PROCEDURE DIVISION

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13.06>*	(001335)	1 1 60 1 1 60 1 1 60	

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CHART TITLE : PRCCEDUPE DIVISION

P.GE 61

PROCRUSTEAN UPDATE

AUTOFLOW CHART SET - SRS

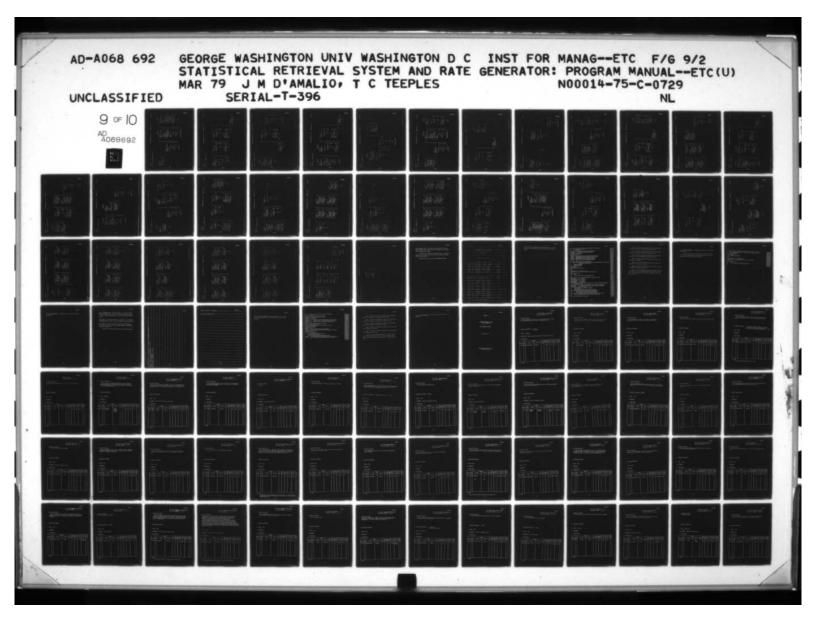
CHAST TITLE - PROCEDURE DIVISION

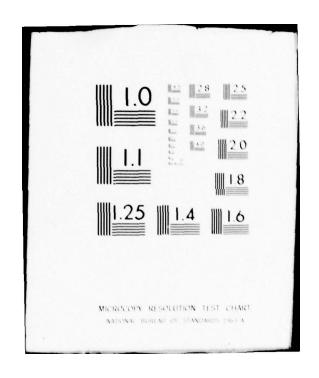
/ (001345) /			(001360)
81 04>,	(001352) 1 03		62.02 I NOTE 36
EXT-ON PAFAGRAPH I		A	
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(991351) * 02	I	I AREA - COUNT (4) TO I	• SEE NOTE •
٠	1	I ENL-X-REF-FLAG I	. 450ve . 1
	*******	I (LOOP-INDEX) I	
. 00 .			
. LOOP - INDEX = I			•
· ZERC · I I			17£5 . 83 .
1		(001360) 1 05	. 20 .
		I MOVE	7
1755 . 82 . 1		I TO PAEA COUNT	••
. 60 .		I MOVE	
		I 170	, / 1
		I STAT-USED-FLAG I	
1			, 63.01
+			
		- •	
		•	
		.84.02.	
		EXTENSION-UPDATE-END	

- 761 -

67/23/78

63





XREF-FLAG-CORRECTION

CHART TITLE + PROCEDURE DIVISION

/ (01385) /	33.04*>*	KREF-FLAG-CORPECTION I PARAGRAPH	•		THIS ROUTINE	I SERFORMED NEED	1 . ROUT KE OF THE .	I FALISTWENT AREA	I INVOKED.	I CROSS-REFERENCE .	FLAGS AFE	I THEM IN FHASE		I "ENLISTMENT DATA. "	*		, , , , , , , , , , , , , , , , , , , ,	10.53,
/ (188100) /	80.04*>*	FORGET-EXT FARAGRAPH	(001382) 1 03	COMPUTE	I LOOP-INDEX + 1 I	I MOVE I EXTENSION (LESSI) I	I TO EXTENSION I	I (LOOP-INDEX) I		80.04*>!	(001383) 1	1 60 I		* EXIT ' I		PERFORM EXIT I	+	
	3.3572* 001377) 1 01	MOVE	STAT-USED-FLAG		++++++++++++++++++++++++++++++++++++++	I I EXTENSION UPDATE-END I	I РАКАСВАРН		(001379) I		1 02	* EXIT *	11		PERFORM EXIT I	+ + + + + + + + + + + + + + + + + + + +	******	FORGET-EXT

PAGE

82

PROCRUSTELN UPDATE

AUTOFLOW CHART SET - SRS

27/23/78

CHART TITLE - PROCEDURE DIVISION

CHART TITLE . PROCEDURE DIVISION

	KPEF-FLAC-CORFECTION- END PARACRAPH	FEWFORM EXIT	REDUCE - XREF - F LAG
(001399) . 04	LOOP-11.CEX >	1001399) 1 05 18 1 10 1 81 17 1 REDUCE 1 1 81 10 1 XREF-FLAG 1 01 11 1 1 1 1 1 1 1	
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85.05>1 0 1 3/15/16/C1	EA- COUNT	(501599) I 02 I INTITALIZE I LOOP-INDEX TC 1 I I I I I I I I I I I I I I I I I I I	

PAGE 87

PROCRUSTELN UPDATE

RS PROCRI

AUTOFLOW CHART SET . SRS

07/25/78

CHART TITLE : PROCEDURE DIVISION

CHAST TITLE . PROCEDURE DIVISION

/ (01215) /	50	1 TO ASEA-COUNT I	AREA-COJN" (13) TO LOGP-INDEX MOVE	1 SRB-604-17FE 1 1 (LOOP-17FEX) 1	•••		10.69/					
					***	(001414) . 03	0		. I	•	10.04	 BONUS - UPDATE - END
/ (00: 412) /	a7.05>.	1 455 1 1 20 CRCW-BCN-CTR 1 1 1 20 CRCW-BCN-CTR 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 (1.0) I	(00:1414) 02		**************************************		ON				

/90.01

TRANSFERS - UPDATE

FORGET - BON

CHART TITLE . PROCEDURE DIVISION

8

PAGE

FROCRUSTEAN UPCATE

AUTOFLOW CHART SET . SRS

07/25/78

- 767 -

BACM

 / (00:432) /	*********	 50.01>1	3	:	400	MOVE	000	1.01	*************************	1450.63	(001435: 1 (5	 WO	I AREA-COUNT (10: I	10	***************************************	•	1 /	 /91.01

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		1,000 - 1,063 0,0		INO		P-1 1	 	1301		PEPFORM	FORGET.	TRIAS	*********	1	••						
(00:430								(301430)	1 61	121	1	10 :									

91.02...>
(001437) I NOTE 04

PRES.MCC OF

TRS.IN-REC = FNCC
(LOOP-INDEX)

I 06

(001437) OE

SEE NOTE

ABOVE

IYES

TM-60423

TRANSFERS - UPDA 1E - END

92.05

1 MOVE 1 (2.55/ TO 1 ERR-CODE

37/25/78

CHEST TITLE . FRCCEDURE DIV. SICN

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/ 001453. /		24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			30 1 (53:100)	- 10		a incit	י אפרים ביינים ביינים ביינים	TRINSFERS	1 02 1/30M - 0000 1				10014891	+	1 0.4		 	I KA MADABA	-	**********					93.01		
	•••				-								TRANSFERS-UPDATE-END ;	РАВАСВЪРН		(001452) 1	+	1 05 1 1 1	. EX:1 .		PERFORM EXIT 1 1	11	1 *********		1 1	*	FORGET-TRANS		
	(001448) I 03		I STRENGIH-CAT OF I	I 185-1N-REC 10 1	I STREN-CAT I	I (LOOP-INDEX) I	I MOVE	I DO ACTION OF I	I TRS-IN-REC TO I	1 (1000-100Ex)	* *************************************	1	1	(001451) 1 04 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 10 1 1	I STAT-USED-FLAG I I	I		*									
(00:1443) /	10		TO APPA-COLNT	(10)		APEA-COUNT (10) 7 3	TO LOOP-INDEX : I		FORM-MCC OF 1	185-18-4EC 10	1 (V=0)		• •	02 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TRS - IN - 4EC TO (I	PACC (LCO2-INDEX) : I	 PRES-RUC OF 1 1	TAS-IN-FEC TO RUC	(COC) 1 (CE X)		1	***************************************					

/ (001463) /	93.0351	MOVE 19 TO AREA-COUNT 1	(001465) 1 07 (001465) 1 07 (100 AREA-COULT 1	AGEA-COUNT (11) I TO LOOP-INDEX I MOVE SRES-NCC-UP TO I SRES-NCC OF I		, 1, 24.01
	†	.	· .		1 1 (001461) 1 05	EX BY 1
	(001461) 03	YES LOOP-INDEX >+	0N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(001461, I 04 19 I 191 15 I PERFORM I 51 10 I FORGET-TURB I 1		
/ (001452) /	21.0624 ITUPBULENCE-UPDATE	(301460) . 01	AREA-COUNT	1YES . 93 . 1	112E NDEX TO 2	

FORGET-TURB

DIVISION
PROCEDURE DIVISION
CHART TITLE .
CHART

																															•	rm-
													21.06 >*		TURBULENCE-UPDATE-END	PARAGETH	-	-	(001481) 1	*******	1 02		I . LIXI .			DEPENDENT EXIT	•	**********			.95.01.	
	(001477) 1 06		I MOVE I	I LAST-DATE-DICH TO I	I LAST-DATE-DET I	I (LOOP-INDEX) I	I MOVE I	1 GEO-LOC TO 1	I GEO-LOC-CODE I	I (LOOP-INDEX) I	I MOVE I	I GEO-DCTB-JP TO I	I GEO-DCTB I +	I (LOOP-INDEX) I I	·			***********														
• *************************************	(001472) I NOTE 03 I	1	. REASON-CODE . I			1 1	(001473) 1 04 1	I	I KOVE I I	I TOUR-FAC TO I I	I TOUR-CONT-FAC I I	I (LCOP-INDEX) I I	I MOVE I I	I P-CH-STA TO I I	I PCS-COST-CD I I	I (LOOP-INDEX) I I	1			(001475) I NOTE 05 I	1	* TRAINEE-FLAG * I	. REASON-FLAG . I			1	**					
93 07:::2	(301468) 1 0 1	I ,	MOVE	FORE-WCC-JP TO : 1	FORM-MCC OF 1	TUPBULENCE I I	(LOCP.INCEX) : I	. I I .	INT-TRANS-DT TO ! I	INT-1RINS-DATE : 1	(100P-190EX) : :		1		(001476) 1 02 1		3 3 3 3 3 3 5 5 5 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	DAT - C18 - JP TO 1 1	DC78 OF 1 1	TUFBLLEACE I I	(LCOP-INCEX) ; ;	MOVE : I	DO-ACTION-JP TO 1 I	D-C-ACT 1 I	(LOCP-INDEX) I I	I ,	1	1	************			

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	***************************************	(001489) - 05		. YES	. LOOP-INDEX >				100 . 96 .	. 10 . 1		•		-	(001489) ; 06		-	I7 I PERFORM I 71	••		11 1 : 21				*					
/ (001487) /	03.03>	MOS-UPCATE PARAGRAPH I	,		(001488) . 03 1		1 00 .	AREA-COUNT I	· (12) > 19 · 1 I		1 1 , ,		IYES . 96 . I	1 . 02 . 1	1 1			1	(001489) I 04 I	1	I INITIALIZE I I	I LOOP-INDEX TO 2 I I	I	-	1 1	*******				
/ (001483) /	93.04***>*	FORGET-TUEB PARAGRAPH		(001484) 1 01 1	COMPUTE	I (FSS1 = 1	1 LOOP-110EX - 1 : 1	I I JACA I	I TUSBLLENCE ! I	1 (LOOP-INDEX) TO : I	I TURBULENCE : I	I (LESSI) : 1	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	93.04>1	(001485) 1	I +	1 02 1 1	11	. EXIT . 1 I	11		PERFORM EXIT 1 1	11	I ++	1	1 1	+	MOS - UPDATE	

FORGET - MOS

CHART TITLE : PROCEDURE DIVISION

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														03.03>•		FUS-UFDATE-END	- 18 16 RAPH			(001503) 1	********	1 07 1		I . CXII .	1		PERFORM EXIT	-	*	•••	 •	.97.01		
		(001498) I NOTE 05		. LOOP-INDEX IS .	* BEING USED HERE *	TELIPO	SUE	* VARIABLE. *		I	-	(001500)	: : : : : :	I MOVE I +	I PMOS TO I	I PRIMARY-WOS I I	I (LOOP-INDEX) I I	I MOVE I I	I DO-ACTION OF I I	I TRS-IN-REC TO I I	I MOS-DATE I I	I (LOOP-INDEX) I I	I MOVE I I	I 1 TO I	I STAT-USED-FLAG I :	I	1 1	1	++					
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((001491) /	95.05>1	1 00 1		1 400	I 1 TO CRCP-NCS-CTR : I	I I I	1 19 TO AREA-COUNT		1		96 03>1	1 60 1 765100)		I I MOVE	I AREA - CCUNT (12) .! I	1 TO LOCP-INDEX . 1		1	1															

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 / (001509) /	 03.05>	STAT-ERR-MESS PARAGRAPH		(001510) 1 03	• • • • • • • • • • • • • • • • • • • •	I ADD I	I 1 TO ERR-STAT-CTR I	•••••••••••••••••••••••••••••••••••••••	-		(001511) I NOTE 04		* ERROR MESSAGES *	. DELETED FOR .	. MODIFIED UPDATE .		•		********										
 / (305.00) /	 95.06>	FORCET-MOS PAPAGRAPH I	1 10		I COMPUTE I I	I LESSI: I I	I LOOP-1MDEX - 1 I I	I MOVE I	I MOS (LOOP-INDEX) I I	I TO MOS (LESSI) I I	I	1	35.06>1	(00:507) 1 I	1 +	1 1 20 1 1 1	11	. £x.7 · 11	11	II	PERFORM EXIT I I	1.1	I + 1	-	•	************		STAT-ERR-NESS	

RAMS - ERR - WESS

- 775 -

RAMS-UPD-CHK

CHART TITLE - PROCEDURE DIVISION

311-UFD F184GK2PH 1 (001525) (5 1 (5 1 (5 1 (5 1 (5 1 (5 1 (5 1 (5 1	IYES . 995
(001521) / (001520) / RAMS-UPD-CHK PARAGRAPH (001521) i 03 i 10 i 10 i 10 i 10 i 11 i 11 i 11	RAMS-NEED **FLAG = '1' 1 1 1 1 1 1 1 1 1
***************************************	D6.037> I RAMS-ERR-MESS-END I PARAGRAPH I I (001517) I I I I I I I I I I I I I I I I I I I
OS.OS>> RAIS-ERF-RESS PAIGGRAFH (GOISIS) I NOTE OF ERROR OUTPUT DELETED FOR	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

- 776 -

93.05>	***************************************		***************************************
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10 . (270,00)	(001530) · 03 I	(001530) * 04 1	
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AND SEP. DATE	. DATE NOT # *-+ I	. GRAD. TRANS.	i non
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03 I (001546)	• • • • • • • • • • • • • • • • • • • •	1 I * OR > 'COO'			I IYES			YES I				/ I		10.101			-	•	-	+				
(001545) I 0	I MOVE I AFGT-AGT-FRM OF I RAMS-REC TO	I AFEE-FORM-NUMBER		• •	(001546) . 04			*	* OF RANS-REC = *-	* ,000, *		•		101. ONI	. 01		-	•	-					
(301538) 1 (1	I MOVE I CIV-ED-ENFAY TO I	MOVE I I	A4115-REC TO	MOUNT - WORK	YANN TO I	COHORT-DATE I . I	I ,	I	-	(001541) 1 62 1	1	KOVE I I	SULY-LAT OF : I	RAMS-REC TO 1 1	I WORK-DUTY-LIMIT I I	MOVE I I	DUTY-LIMIT-CODE ! I	10 : 1	CUTY-LIMIT-ENTRY ! I	NOVE	SPACES TO SCORES 1 1	I	I	1

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(001552) I 04 I MOVE I AFEES-C-GM OF I I AFEES-C-GM OF I I AFEES-C-GM OF I I AFEES-C-MM OF I	MOVE	
(CO1548) I 02 I MOVE AFES. C. CO OF I I I AFES. C. FA OF I I I I I I I I I I I I I I I I I I	(001550) 1 03 1 1 03 1 1 1 1 1 1 1 1 1	ми •
100).04*>\ (001546)		

		1 05		
1 (001572) 7 04	•	,000, 4	ES	
I Havadya a damaa		(601572) · 03 I	OF RAMS-REC	
/ (001553) / 100.06*****	1 450T-ACT-SCO OF	AFE-ANIL-GP-	AFE TEST FLAG MOVE TYPING SCORE TO TYPING SCORE TO TY	MOVE RAWS-FEC TO EDPT MOVE LAN-4PT-SCC TO 1

	70	1 1 (001563) 1		1 1 1 100/1	1 1	1 1 1 FAUS-PEC	1 1 1 DEPOT-C-GT OF	1 1	3/10/1 1 1	I I CEPCT-C-SC OF	I I 6405-8EC 10	I DEPOT-C-SC OF	1 05501	I	1 20		I (001585) I		JACA I I I	1 1 01-001-3C0 OF	I I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 DEPOT-GT-C:T	1 1 1 WOVE	I 1 1 05P-45V48-041E TO	I 1 1 JEPOT-7EST-DATE	3 /CM 1 1 1 1	1 DEP-ASVAB-FOLM TO	I DEPCT - FORM - NUMBER	· · · · · · · · · · · · · · · · · · ·			***	
OVE DEPOT C.CO OF DEPOT C.CO OF DEPOT C.FA OF D	(001579) :	I MOVE	I DEPOT-C-CM CF	I 84.45-REC TO	1 DEPOT - C - GM OF	1 06901	I MOVE	I DEFOT-C-MM OF	I RAMS-REC TO	I DEPOT-C-14M OF	1 06901				(001581) 1		I MOVE	I DEPOT-C-CL OF	I 84VS-REC TO	1 DEFOT-C-CL OF	1 06901	I MOVE	I DEPOT-C-ST OF	I 84VS-9EC TO	1 DEPOT-C-ST OF	1 06901				*******			
	(001575) 1 02 1	1 MOVE 1 1	1 0EPOT-C-CO OF 1 1	I PAMS-REC TO I I	1 DEPOT-C-CO OF 1 1	1 06901 1 1	I MOVE I I	1 DEPOT-C-FA OF 1 1	I 9AMS-REC TO I I	I DEPOT-C-FA OF I I	1 06901 1	I		1		1	I KOVE I I	I DEPOT-C-EL OF I I	I PAMS-REC TO I I	I DEPOT-C-EL OF I I	1 1 10430 1	I MOVE I	1 DEPOT-C-OF OF 1 1	I RAMS - REC TO I I	1 DEPOT-C-OF OF 1 1	1 06901 1	1		-	************			

- 781 -

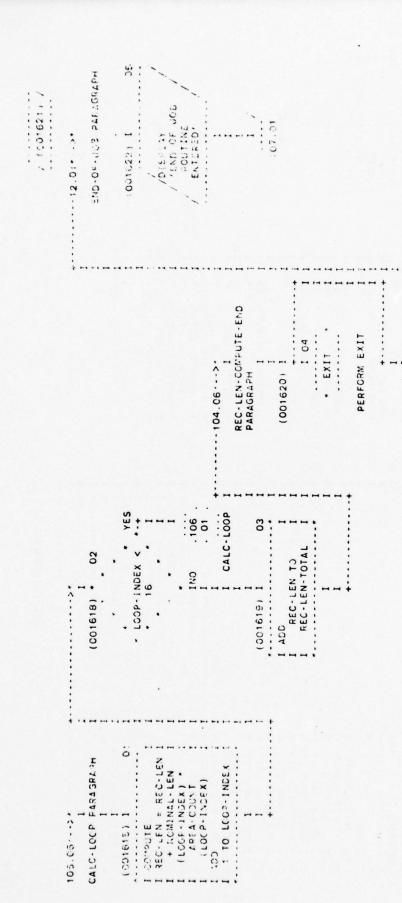
SRS-OUT

CHAST TITLE - 030CEDUNE DIVISION

/ .031596.7	1 SFS-0,T PARAGE 24			10.50	
			06.06 I RAMS-UFD-CHK-END PARACRAPH	0 .	PERFORM EXIT
		DUPATION- ************************************	K K K K K K K K K K K K K K K K K K K	MOVE MOVE	
/ (065100) /	102.0531		201582) I		

	1 (00)613) I 06	1 10 LOOP-INDEX I	0.90.		
/ (609100) /	REC-LEN-COMPUTE	(001610) I 04 I MOVE I 4 TO REC-LEN I	1 (D01611) I NOTE OS	FOR THE 4-BYTE LENGTH FIELD INCLUDED FOR VARIABLE LENGTH RECORDS	
	•			(001606) I I 03 I I EXIT * I I	I I I I I I I I I I I I I I I I I I I
	(00160c) I 01	I I CALL I WAITER USING H I FIXED SCORES H II MILITARY H II EDUCATION (1) H II ENLISTMENT (1) H II EXTENSION (1) H	I I GRADES (1) H I UA-SHORT (1 H I UA-LONS (1) H I DESERTION (1) H I TRANSFERS (1) H I TURBULENCE (1) H I MOS (1) BONUS H	1 (1) SPARE14 H 1	

END-OF-JOB



04 1 (001631) 1	I	/ 1 1 140	70 1 1 07	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 /		1	I (001632) I	 OS I /WRITE	1 /EOJ.DISPLAY-9E	I I /FROW TO3-LINES	, I I	1 1	I I	· · · · · · · · · · · · · · · · · · ·			/ 1		106.01		· / ·	1 /	-		
(001626)		/WRITE	/EOJ-DISPLAY-RE	/FROM TOP-LINES /	/AFTER ADVANCING/	/ TO-NEW-PAGE /		-	(001628) 1	***************************************	I MOVE	I ' UPDATING SRS	I HISTORY FILE ' T	I TOP.INFO				(001629) 1		,	/WRITE	/EOJ-DISPLAY-REC	/FROM TOP-LINES /	/ AFTER 2 LINES /		
106.05>: (CG1623) I NOTE O1 I	I	. DISPLAY	· HUMBER OF · I	* DUPL CATE . I	. HISTORY RECCROS = . I	DUT-CIR . I			 (001623) 7 02 1		1 /		I / SUBE ABOVE /	1	1 / /	1	1	-	(00.625, I 03 I	I ,	I MOVE I	I STATISTICAL I I	I RE'RIEVAL SYSTEM' I I	1 TO TOP-INFO I I	I ,	

 / 10016351 /	168.01>1		T TEMONITY I	2	*	(001641) [(15		17	/FROM TOP-LINES /	/ 5 LINES /			(001643) 1 (6	N I	O3 SECLENCE I	1 TOP-1MFC 1	*	•	•	/ 1	10.601		
															0 (100,000)	/WRITE	/EDOM TOBLINES	/AFTER ADVANCING/	/ S LINES /		м.	• :	110.04
		(00:634) . 01		11CH			1755 . 108 .		•4 •		(00.6351 : 02	I MOVE	I JOS TO TOF-INFO I										

(00:652) / (00:652) /	IYES	
103.06>* (201645) 1	1 02 03 03 04 05 05 05 05 05 05 05	(001650) I 04

(001668) 1 07	/WRITE /ECU LOW-LINES/ /AFTER 10VANCING/ 2 LINES/ 1 (001670) I 08	MOVE I HISTORY RECORDS I HISTORY RECORDS I RESD ' TO I LOW-INFO I NOVE I IN FACES-CTR TO I I LOW-NUM I I	10.11:
(001664) 1 05 1	/waite /Eow-Display-REC/ /FROM LOW-LINES/ /AFTER ADVANCING/ 5 LINES/ / 5 LINES/ / 1 001666) I 06 I	I MOVE I HISTORY RECORDS I I OUTPUT' TO I I NOVE I OUT-HIST-CTR TO I I OUT-HIST-CTR TO I I I I I LOW-NUM	
1 (001660) 1 03	/wRITE /	I NOVE I NUMBER OF SRS I I HISTORY RECORDS I I LOW-INFO I I NOVE I IN-HIST-CTR TO I I IN-HIST-CTR TO I I I LOW-NUM	+
(0C1657) / 103.05>1	. 46END-SAITCH	(50165E) I 02 I MOVE I MOVE I FILE * ' TO I I TOP INFO I	

110.08		***************	*<
1001872) 1 6:	1 (001676) 1 03	I (001680) I 05	1 (031584) 1 07
/ 311EN/	I /WRITE /	I /WRITE /	1 18:16
/ECU-DISPLAY-REC/	: /ECJ-DISPLAY-REC/	1 /EGJ-DIS9L47-REC/	/538-7716550-F03/
FROW LOW-LINES /	I /FROM LOW-LITES /	I /FROM LON-LINES /	/ SETT-FOT ADB:/
FTER ACVANCING/	I /AFTER ADVANCING/	I /AFTER ADVANCING/	1 /AFTER ADVANC. NS/
2 LINES /	1 / 2 LINES /	I / 2 LINES /	1 2 LINES /
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001674) 1 02	1 (001678) 1 04	·I (001682) I C6	1 (00168c) 1 08
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	(001694) 1	I DROP-ENL-CTR TO I	DRCP-EXI-CIP TO
• • • • • • • • • • • • • • • • • • • •		I TOW-NUM I	I CN-NOM
-			
201690, 1 02 1	/ WRITE	•	
	/EOJ-DISPLAY-REC/ I	•	
	/ FROW LOW-LINES / I		
	I /BETER ADVANCING/	1 00 1 (001698) 1 06 1	30 1 (201100)
AVC-FEL-LEN	1		
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REC-15N-101AL / :		/WK11E	330 - 11313
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E 20.1814.100	-	/FROM LOW-: INES /	/FRCS LOW-LITES /
3.0.t		Total Control of the Control	LAFTER CIVANCING!
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/FROM LCW-LINES / I	/EOJ-DISPLAY-REC/ I	/EOJ-DISPLAY-REC/	1 /ECU-DISPLAY-REC/
AFTER ACVANCING/ I	/FPOM LOW-LIPES / I	/FROM LOW-LINES /	I /FRCW LOW-LINES /
2.LIPE5 / I	/AFTER ADVANCING/ I	/AFTER ADVANCING/	I /AFTER ASVANCING/
	/ 2 LINES / I	/ 2 LINES /	I / 2 LINES /
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MOVE	I WOVE I 'NUMBER OF MCS I FIELS DECPRES I MOVE I DROP-WCS.CTR TO I DROP-WCS.CTR TO I DROP-WCS.CTR TO I DROP-WCS.CTR TO	I WOVE I TUSCLESSOE I TUSCLESSOE I FELDS DROPPED I MOVE I DROVE I DROVE I LOW-NUM I
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	(001730)	I TON-NOT
	(001730)	
	1 (001720)	
1 02 1 (001726) 1 04 1 (001720) 1 06 1 10 1 10 1 10 1 10 1 1	1 (001700) 1	
1 02 (C01726) 04 /watte		
/waite	,	1 (07/1/26) 1
/ / / / / / / / / / / / / / / / / / /	· 1 /waite / 1	
(c) (FROW LOW-LINES) (FROM LOW-LINES) (F	/ I /EGU-DISPLAY-REC/ I	, I /WRITE /
/ FROM LOW-LINES / I /AFTER ADVANCINC/ I /AFTER ADVANCING/ I / 2 LINES / I 2 LINES / I / 1 / 2 LINES / I / 3 LINES	1	
/ AFTER ADVENCING/ I / 2 LINES / I / 3 LINES	1	
	1 /	I /AFTER ADVANCING/
	1	1 / 2 LINES /
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END OF RUN

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		9:1	IIII	
		(001743) I	I CALL I I CALL I I CLOSER	: 4:
(0C1740) 1 06 (CLOSE / ERR-OUT-ST /	(001741) : C7 (CLOSE /ERR-OUT-RAWS /	(001742) C8	111111111111111111111111111111111111111	
(001740) I 03 I (CLOSE / I I I	(001740) I 04 I	(00174c) I 05 I		
14.06>* (001736) 1 WOVE NUMBER OF 1 ARCHIVE PECCROS WRITTEN ' TO 1 WOVE	ASCHIVE-CTR TO I LOW-NUM I LOW-NUM I CO0173E) I CO173E) I CO173E CO	2 (1865)		

CHAST 111LF . FRCCEDURE DIVISION

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-						- 5		-	
4				-				-	
4				60				-	
-				0					
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0				-		C		-	
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-	1							0	
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		-:						a.	
		CA							
		-							
	/ (001744) /	/ (001744) /	/ (601744) /	12.01**->	12.01>1	12.01>	12.01> 	12.01***) / (501744) / (12.01***) / (12.01**	12.01***** 12.01****** 12.01***** 12.01**** 12.01*** 12.01*** 12.01*** 13.01*** 14.01*** 15.01*** 16.01** 16.01** 17.01** 18.01** 19.01** 10.

- 794 -

3.13.5 Output. There are two outputs from this program. One is the updated new SRS records. These records were originally output by step 12 and are updated by this program.

The other output is the leftover transaction errors. These are the transaction errors output by step 10 which were not matched by the new SRS records (from step 12).

A sample of the printer output for program SRSUPDXX follows.

UPDATTUC SES HISTORY FILE

07/21/72

MORNAL	FAIR	OF	JAG

MUNHER	OF	SRS HISTORY	PECOPOS	THOUT	=	1 9	
NUXBER	OF.	SHC HICTORY	RECORDS	TUaTUa	=	19	
NUMBER	_CE	DAMS HISTORY	RECORDS	DEAD	=	146.419	
NUMBER	OF I	MANS HISTORY R	FCORDS DA	TCHEN	=	7	
NUMBER	OF	TRANSACTION	PECONDS	PEAD	=	1.656	
MU-BES	OF.	TRANSACTION	Ecous RE	Corns		1.647	

TOTAL LE	THETH OF SRS	учогр Г	FIIE IS	=	5.576	
AVERAGE	LENGTH OF A HIS	TORY PF	CORD TS	=	203	
אניינורט ס	F ENLISTMENT	Errina	nRopper		nn	
MU#8ED 0	EVTENSION	FTELDE	ngappen	=	r	
NUMBER O	E COLUE	FTELDe	DRUBBEU	=	0	
farmine 0	F UA SUNRT	FTELDS	DROPPER		0	-
NUMBER O	F UA LONG	FIELDS	Daubbeu	=	r	
MUASES U	PESENTION	FIELDS	DROPPER	=	n	
MINDER O	F TOAMSEERS	FIFIDE	nRoppen	=	r	
MUMBED 0	THERM ENCE	FTELDO	DROPPED	=	n	
III) with D	F Mos	FIFLDe	DRUSBEU	=	n	(
MUSSER O	F Bostis	FTFLOG	DROPPEO	=	n	
Milwarro O	F AFCHIVE REC	טקעל ויג	ITTEN	=	n	

3.13.6 Job Control Language for Execution of Program. The following listing shows the complete set of JCL and control cards for program execution.

```
//I5719191 JCB (701R,MPI3), PROCRUS UPDT .TYPRUN=HOLD.
                                                                          00000011
       RD=NR.MSGLEVEL=(1.1).
                                                                          5000000
11
         TIME=(10)
                                                                          00 103
//JCBLIB DD DSN=HOMCI.MPI.LOADLIB.DISP=SHR
                                                                          0000004
            EXEC PGM=IEHPROGM.REGION=80K
                                                                          0000005
//STEPONE
//SYSPRINT DD SYSOUT=A
                                                                          0000006
//SYSOUT DD SYSOUT=A
                                                                          0000007
                                                                          8000000
//SYSIN DD *
UNCATLG DSNAME=HQMC1.MPI2.C1080.SRS.ERRS.TDT7703
                                                                          00000090
                                                                          0000010
UNCATLG
         DSNAME=HQMC1.MPI2.C1080.SRS.ERRS.TDT7803
UNCATLG DSNAME=HQMC1.MPI 2.C1080.SRS.PCX7703
                                                                          0000011
UNCATLG
          DSNAME=HQMC1.MPI2.C1080.SRS.PCX7803
                                                                          0000012
UNCATLG DSNAME=HQMC1.MP12.C1080.SRS.CHECKP
                                                                          0000013
1*
                                                                          00000141
   EXEC LCOBUCLG.OFF=MPI1.SECT=RETRV.
                                                                          0000015
11
11
   PARM.COB=(LIB, NODECK.LOAD.NODMAP.NOPMAP.SUPMAP.NOXREF.STATE.SXREF.
                                                                          0000016
               'SIZE=114K', 'BUF=16K'),
                                                                          000001
11
                                                                          100000
11
       REGION.LKED=90K.
                                                                          100000
      REGION.GO=200K
11
//LIB.SYSIN DD *
                                                                          200000
-OPT NOLIST
                                                                          000002
                                                                          200000
-SFL
      SRSUPDXX.WDVV.EXEC
-END
                                                                          200000
1#
                                                                          200000
                                                                          000002
//COB.SYSIN DO DSN=EELIBTEMP
//COB.SYSLIB DD DSN=HQMC1.AP12.COPYLIB.DISP=SHR
                                                                          0000026
                                                                          200 727
//LKED.SYSLIB DD
                                                                          006 J28.
11
       DO
                                                                          2500000
11
       DD
          DSN=HQMC1.AP12.MMSLIB.DISP=SHR
                                                                          0000030
/ t
                                                                          0000031
                                                                          0000032
//GD.SYSPRINT DD SYSOUT=A,DCB=(RECFM=UA,BLKSIZE=133)
//GD.SYSOUT
              DD SYSCUT=A
                                                                          0000033
//GD.SYSUDUMP DD
                  SYSOUT = A
                                                                          0000034
//GO.SYSDBOUT DD
                                                                          0000035
                   SYSOUT=A
                DD SYSCUT=A
                                                                          200003
//GD.ERRMESST
//GO.ERRMESRM
                DD SYSOUT=A
                                                                          000003
//GO.RAMSFILE DD DISP=SHR.DSN=HQMC1.MPI3.C1081.P18.RAMS.MM.G7803V00.
                                                                          0000038
11
       DCB=(EROPT=SKP)
                                                                          2000039
//GO.STATFILE DD DISP=OLD.DSN=HQMC1.MPI2.C1080.SRS.ERRS7803
                                                                          0000040
//GO.INPUT
               DD DISP=OLD.DSN=HQMC1.MPI2.C1080.SRS.PNEW7803
                                                                          0000041
//GO.OUTPUT DD DISP=(.CATLG).
                                                                          00000420
11
       DSN=HQMC1.MP12.C1080.SRS.PCX7803.
                                                                          0000043
11
       UNIT=2400-3.
                                                                          0000044
11
       DCB=(RECFM=VB.LRECL=6000.BLKSIZE=13030)
                                                                          0000045
//GO.STATERR DD DISP=(NEW.CATLG.CATLG).UNIT=2400-3.
                                                                          0000046
11
          DCB=(RECFM=FB.LRECL=240.BLKSIZE=2400).
                                                                          0000047
11
          DSN=HQMC1.MP12.C1080.SRS.ERRS.TDT7803
                                                                          0000048
//GD.SRSCKPT DD DSNAME=HQMC1.MPI2.C1080.SRS.CHECKP.UNIT=3330,
                                                                          0000049
11
       DISP=(NEW.CATLG.CATLG).SPACE=(TRK.(22.2).RLSE)
                                                                          0000050
/*
                                                                          0000051
   EXEC IELEASE.PARM= 15719301
                                                                          0000052
11
                                                                          00' 53
```

- Note 1. The DSN in the uncatalog statement (line 100) should be the same as the DSN in the STATERR DD statement (line 480).
- Note 2. The DSN in the uncatalog statement (line 120) should be the same as the DSN in the OUTPUT DD statement (line 430).
- Note 3. The DSN in the uncatalog statement (line 130) should be the same as the DSN in the SRSCKPT DD statement (line 490).
- Note 4. The DSN in the RAMSFILE DD statement (line 380) is the name of the current RAMS file.
- Note 5. The DSN in the STATFILE DD statement (line 400) is the name of the error file output by step 10.
- Note 6. The DSN in the INPUT DD statement (line 410) is the name of the new SRS records output by step 12.
- Note 7. For each subsequent SRS System run, the DSNs in lines 90, 100, 110, 120, 400, 410, 430 and 480 should be changed to reflect a new date. This is done by adding three months to the "date portion" of the DSNs on these lines.

3.13.7 Program Maintenance. The comments made in Section 3.10.7 apply to this program.

If program changes are necessary, the following sequence of cards will retrieve the source program from LIBRARIAN and compile, link edit, and replace the original load module in LOADLIB.

//15703152 JDB (601R,MPI2), 'TEEPLES-COMP UPDXX', TIME=(03)	00000010
// EXEC LCOBUCL.CFF=MPII.SECT=RETRV.LLIB=LCADLIB.FOCM=MPI.	00000020
// LMEM=SRSUPDXX	00000030
//LI8.5YSIN DD *	00000040
-OPT NOLIST	00000050
-SEL SRSUPDXX. WDVV.EXEC	00000060
-END	00000070
/*	00000080
//COB.SYSIN DD DSN=&&LIBTEMP	00000090
//COB.SYSLIB DD DSN=HQMC1.AP12.CCPYLIB.DISP=SHR	00000100
/*	00000110
//LKED.SYSLIB OD	00000120
// 00	00000130
// DO DSN=HQMC1.AP12.MMSLIB.DISP=SHR	00000140
/*	00000150
<i>"</i>	00000160

3.13.8 Checkpoint/Restart. The comments made in Section 3.10.9 apply to this program.

3.14.1 Final Merge Process. This process merges the updated new records output from step 13 with the matched and changed records output from step 12 to yield a complete SRS History File. A second step produces a backup on tape.

3.14.2 Input. The two inputs required for the merge are: 1) the matched and changed records from step 12 and 2) the updated new records from step 13.

3.14.3 Output. The output from this merge is the complete SRS History File on disk. A second step executes a IEBGENER program to produce an SRS History File backup on tape.

A sample of the printer output from the final merge process follows.

1 1 1	1 1	i 1	1 1	i I	1	
					ľ	TM-60423
H 25						i
J. 05.1						
45=00						
END, B.						
1,0000 1,10000						
1000, 15						
SG= A P C						
* Y						
288)						
288,						
(3550) (3550) (3550)						
15-54 NGTH= 10,CH						
02110 E=V,LE S=135, DDEN 558,0U						
1 TYP FIELD 1 TYP 1 TYP						
CASSUMIGATOGOGOOD OPTIONS THE SEFECT * PLAGITI "AYLEYSGAD LIST ABEND, BIASSCOISO, OPTEE NOON RECORD TYPE VILENGTH= (3550,,,288,288) 10001 RECORD TYPE=V, LENGTH= (3550,,,288,288) 10001 MEKGE FIELDS=(35,10,CH,A) 1033W LIZLS OVERRIDDEN 1033W LIZLS OVERRIDDEN 10601 RCD IN 00493553, OUT 00493558						
# C45998 CA0001 CA0001 CA033W L CA0601 R			- 804 -			
# 22222						

DATA-SET UTILLTY - GENERATE	TM-60423					
PROCESSING ENDED AT EDD						
THOSE STATE OF THE						
	•					
- 805 -						

3.14.4 Job Control Language for Execution of Process. The following listing shows the complete set of JCL and control cards for the merge execution.

```
1/15 .9301 JOB (701R.MPI3) . FINAL MRG . TYPRUN=HOLD.
                                                                        00000010
11
        TIME=(12)
                                                                        00000020
VSTEP1 EXEC PGM=IERRCG00, REGION=150K
                                                                        00000030
"SURTLIE DD DSN=SYS1.SCRTLIB.DISP=SHR
                                                                         00000040
'/SYSUDUMP DD SYSCUT=A
                                                                        00000050
"/SYSOUT DO SYSOUT=A
                                                                        00000060
//SORTINGL DD DSN=HQMCl.MPI2.Cl080.SRS.PCHG7803.DISP=OLD
                                                                        00000070
//SORTING2 DD DSN=HQMC1.MP12.C1080.SRS.PCX7803.DISP=GLO
                                                                        08000000
                                                                        00000090
//SURTOUT DD DSN=HQMC1.MPI2.C1080.SRS-MAST.CISP=OLD
* GO NIZYZY
                                                                        00000100
RECORD TYPE=V.LENGTH=(3560...288.288)
                                                                        00000110
MERGE FIELDS=(35.10.CH.A)
                                                                        00000120
// EXEC PGM=IEHPROGN.REGION=80K.COND=(0,GT.STEP1)
                                                                        00000130
'/SYSPRINT DD SYSOUT=A
                                                                        00000140
'/SYSOUT DD SYSCUT=A
                                                                        00000150
SYSIN DD
                                                                        00000160
UNCATLG DSNAME=HQMC1.NPI2.C1080.SRS.FM7803
                                                                        00000170
/lebgener exec PGM=1ebGener.Region=150K.ConD=(0.GT.Step1)
                                                                         00000180
/SYSPRINT DD SYSOUT=A
                                                                         00000190
SYSIN DO DUNAY
                                                                         00000200
VSYSUTI DD DISP=OLD.
                                                                        00000210
      DSN=HQMC1.MPI2.C1080.SRS-MAST.
                                                                         00000220
     UNIT=3330.VCL=PRIVATE.
                                                                         00000230
                                                                         00000240
      DCB=(RECFM=VB.LRECL=6000.BLKSIZE=13030)
                                                                        00000250
/SYSUT2
           DD DSN=HQMC1.MPI2.C1080.SRS.FM7803.DISP=(,CATLG),
   LNIT=2400-3.DCB=(RECFM=VB.LRECL=6000.BLKSIZE=13030)
                                                                         00000260
                                                                         03000270
                                                                         00000280
```

- Note 1. The DSN in the uncatalog statement (line 170) should be the same as the DSN in the SYSUT2 DD statement (line 250).
- Note 2. The DSN in the SORTINO1 DD statement (line 70) should be the name of the matched and changed records output by step 12.
- Note 3. The DSN in the SORTINO2 DD statement (line 80) should be the name of the updated new records output by step 13.
- Note 4. The DSN in the SORTOUT DD statement (line 90) is the name of the SRS History File on disk.
- $\underline{\text{Note 5}}$. The DSN in the SYSUT2 DD statement (line 250) is the name of the SRS History File on tape.
- Note 6. For each subsequent SRS System run, the DSNs in lines 70, 80, 170 and 250 should be changed to reflect a new date. This is done by adding three months to the "date portion" of the DSNs on these lines.

3.14.5 Process Maintenance. The only field used in this process is the MID field.

APPENDIX B

STATISTICAL RETRIEVAL SYSTEM AND RATE GENERATOR

DATA ELEMENT DICTIONARY

8 September 1978

The George Washington University Program in Logistics

DATA	ELEMENT	Active -	Inactive	Flag
DATA	ELEMENT	SYNONYMS:		

This flag indicates the status of the record and will be set to active by enlistment STATS and set to inactive by separation STATS

- 2. AUTHORITY/CODE REFERENCE 1 = Active
 - 2 = Inactive
- 3. SOURCE Constructed
- 4. MAINTENANCE Changed each time an enlistment area is opened or closed.

5. SPECIFICATIONS

		Mner	monic		Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	ACT-INACT-FLAG	ACTINACT		1	AN	NA	NA	

DATA	ELEMENT	AFEES-C	Scores
DATA	ELEMENT	SYNONYMS:	

This is a set of 10 AFEES "C" scores. The scores are CO, FA, EL, OF, GM, MM, CL, ST, GT, SC. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

System	1 1	Mnemonic			Field Format		Source	Field Pos.	Note
	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
ZMS	SRS	AFEES-C-CO ETC. :	A-CO ETC.		3	AN	RAMS	1001-1030	

DATA	ELEMENT	AFEE	Form	Number	_
DATA	ELEMENT	SYNONY	MS:		

A code representing the number of the Armed Forces Entrance and Examining Station Form. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemo	Mnemonic		Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	туре	File	in File	Ref
MMS	SRS	AFEE-FORM-NUMBER	A-FORM-N		2	AN	RAMS	426-427	

DATA	ELEMENT	AFEES	Mental	Group	Score
DATA	ELEMENT	SYNONY	MS:		

Mental group score from the AFEES. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	AFEE-MNTL-GP-SCORE	A-MG-S		2	AN	RAMS	428-429	

DATA	ELEMENT	AFEES	Test	Flag
DATA	ELEMENT	SYNONYM	ıs:	

A code to identify the type test used to determine the AFQT Score or a computed AFQT equivalent score. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE 0 = Armed Forces Women's Selection Test AFWST
 - 1 = Armed Forces Qualification Test AFQT
 - 2 = Armed Services Vocational Aptitude Battery ASVAB
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field	Format	Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	AFEE-TEST-FLAG	A-TEST-F		1	AN	RAMS	430	1

6. NOTES

1. Marine Corps adopted ASVAB as of 1 July 1974.

DATA	ELEMENT	ALAT
DATA	ELEMENT	SYNONYMS:

Army language aptitude test score. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

le	Cobol	Mark IV					1	1
		Mark IV	APL	Size	Туре	File	in File	Ref
RS	ALAT	ALAT		2	AN	RAMS	567-568	
	tS	ALAT	ALAT ALAT	ALAT ALAT	ALAT ALAT 2	ALAT 2 AN	ALAT ALAT 2 AN RAMS	ALAT ALAT 2 AN RAMS 567~568

DATA	ELEMENT	Area Count
DATA	ELEMENT	SYNONYMS:

This is a table of 15 counters for keeping track of the number of occurrences of each of the variable areas of the SRS record. Each time a new occurrence (for a particular area) happens, the appropriate counter will be incremented by 1.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE Computed
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Area-count occurs 15	V-SEG-1 V-SEG-2 V-SEG10 V-SEG15		2	PN	NA	NA	

DATA	ELEMENT	Armed	Forces	Active	Duty
DATA	ELEMENT		Date		

This is in packed decimal form: YYMMDD. This date is a constructive date computed from active service performed in any branch of the Armed Forces, as modified by time lost or periods not creditable as active Federal service.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE This will be replaced in update process.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	AFADBD	AFAD-BD		4	PN	STAT	134-137	

DATA	ELEMENT	Begin	Date
DATA	ELEMENT	SYNONYMS	

Part of transfers area (#10). This is the date of a given transfer. It is normally the commencement date of the current tour at a Marine's present monitored command.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

in File		ce	Source	Field Format			Mnemonic				
	in Fi	•	File	Туре	Size	APL	Mark IV	Cobo1	File	System	
84-87	84-		STAT	PN	4		DAT-CTB	BEGIN-DATE	SRS	MMS	

DATA ELEMENT Billet Military Occupational Specialty DATA ELEMENT SYNONYMS:

 DESCRIPTION AND FORMAT -Duty MOS.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Replaced during update.
- 5. SPECIFICATIONS

100		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	BILLET-MOS	BMOS		4	AN	STAT	89-92	

DATA	ELEMENT	Bonus Date
DATA	ELEMENT	SYNONYMS:

Part of bonus area (#13). Depicts the action date of the VRB.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field	Format	Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	BONUS-DATE	BON-DATE		4	PN	STAT	3-6	

DATA	ELEMENT	Bonus Type
DATA	ELEMENT	SYNONYMS:

Part of bonus area (#13). This field indicates the multiplier which was used to determine the VRB. The multiplier is based on an individual's primary MOS. VRBs were discontinued at the end of FY74.

- 2. AUTHORITY/CODE REFERENCE Valid multipliers were 1, 2, 3 and 4.
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

System		Mnemonic			Field Format		Source	Field Pos.	Note
	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	SRB-BON-TYPE	BON-TYPE		1	AN	STAT	139	

DATA	ELEMENT	Citizenship Status
DATA	ELEMENT	SYNONYMS:

A code representing citizenship status.

- 2. AUTHORITY/CODE REFERENCE Codesman
- 3. SOURCE STAT
- 4. MAINTENANCE Replaced during update process.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Citizenship	CITIZEN		2	AN	STAT	141-142	

DATA	ELEMENT_	Civilian	Education - Current
DATA	ELEMENT	SYNONYMS:	

This is a two-part field consisting of years of education and degree/level at the current time.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Replaced during update.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	YEAR-ED DEGREE	YRS-ED-C ED-LEV-C		2 1	AN AN	STAT	119-120 121	

DATA	ELEMENT	Civilian	Education	- Entry
DATA	ELEMENT	SYNONYMS:		

This is a two-part field consisting of years of education and degree/level upon entry into service.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Will not be changed in update.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	YEARS-ED DEGREE	YRS-ED-E ED-LEV-E		2 1	AN AN	STAT	119-120 121	

DATA	ELEMENT	Cohort	Date
DATA	ELEMENT	SYNONYMS:	

Field has format of YYMM. Represents the date of entry into service. Taken from RAMS AFADBD. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

1 1	Mnemonic			Field Format		Source	Field Pos.	Note
File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
SRS	COHORT -DATE	COHORT		4	AN	RAMS	506-511	
	1 1	File Cobol	File Cobol Mark IV	File Cobol Mark IV APL	File Cobol Mark IV APL Size	File Cobol Mark IV APL Size Type	File Cobol Mark IV APL Size Type File	File Cobol Mark IV APL Size Type File in File

DATA	ELEMENT	Component	Code
DATA	ELEMENT	SYNONYMS:	

Part of enlistment area (#4). A two position code (left justified) which identifies branch of service and also indicates reserve or retired status.

- 2. AUTHORITY/CODE REFERENCE CODESMAN
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	COMPONENT-CODE	COMP-CD3		3	AN	STAT	107-109	

DATA	ELEMENT	Date	from	Desertion
DATA	ELEMENT	SYNON	MS:	

Part of desertion area (#9). Date that an individual returned from desertion.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

ze Type File in Fi	
4 PN STAT 3-6	

DATA ELEMENT Date from Unauthorized

Absence
DATA ELEMENT SYNONYMS:

1. DESCRIPTION AND FORMAT -

Part of UA-long area (#8). This is the date that an individual returned from an unauthorized absence long (more than 24 hours).

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mner	monic		Field	Format	Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	FROM-UA-DATE	D-FROMUA		4	PN	STAT	3-6	

DATA ELEMENT SYNONYMS:____

1. DESCRIPTION AND FORMAT -

This is a packed decimal form: YYMMDD.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Will not be changed in update.
- 5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Date-of-Birth	DOB		4	PN	STAT	72-75	

DATA	ELEMENT	Date of	Enlistment
DATA	ELEMENT	SYNONYMS:	

Part of enlistment area (#4). This is the date of current enlistment, reenlistment or induction and is on the enlistment contract or record of induction or acceptance of appointment.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field	Format	Source	Field Pos.	Note
System	File	Cobo 1	Mark IV	APL	Size	туре	File	in File	Ref
MMS	SRS	DO-ENLISTMENT	DO-ENT		4	PN	STAT	180-183	
									1

DATA	ELEMENT	Date of	Latest Extension
DATA	ELEMENT	SYNONYMS:	

Part of extensions area (#5). Depicts the action date of the latest extension of the enlistment indicated by the enlistment cross-reference flag.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnem	onic		Field	Format	Source	Field Pos.	Note
System	File	Cobo l	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	DT-LATEST-EXT	EXTL-DAT		4	PN	STAT	3-6	

DATA	ELEMENT	Date of	Rank	
DATA	ELEMENT	SYNONYMS:		

Part of grades area (#6). Date of promotion or demotion.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	DATE-OF-RANK	PRES-DOR		4	PN	STAT	34–37	

DATA	ELEMENT	Date of	Rank	First	Commission
DATA	ELEMENT	SYNONYMS:			

Part of grades area (#6). The date of rank assigned for the grade into which an officer was first commissioned. For all officers, the GRADE field in the first grades area is 'DFC' and the DATE-OF-RANK field in the first grades area is the DATE OF RANK FIRST COMMISSION for the officer.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE HMF
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mne	emonic		Field	Format	Source	Field Pos.	No:
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Re:
MMS	SRS	DOR-FST-CMC	DOR-CMMN		4	PN	нмғ	915-918	1

6. NOTES

 This field is not a separate field in the grades area. It is always in the DATE-OF-RANK field of the <u>first</u> grade area for an officer. The corresponding GRADE field is 'DFC'.

DATA	ELEMENT_	Date	of	Unauthorized Absence
DATA	ELEMENT	SYNONY	MS:	

Part of UA short area (#7). This is the date for an unauthorized absence that is less than 24 hours.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	DATE-OF-UA	UA-DATE		4	PN	STAT	3-6	

DATA	ELEMENT	Date	to	Desertion	_
DATA	ELEMENT	SYNON	MS:		

Part of desertion area (#9). This is the date that an individual went on desertion.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

	IL	Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	TO-DES-DATE	D-TO-DES		4	PN	STAT	3-6	

DATA	ELEMENT	Date to Unauthorized	Absence
DATA	ELEMENT	SYNONYMS:	

Part of UA-long area (#8). This is the date for an unauthorized absence that is more than 24 hours.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	TO-UA-DATE	D-TO-UA		4	PN	STAT	3-6	

DATA	ELEMENT	Depot-C-Scores	
DATA	ELEMENT	SYNONYMS:	

This area consists of 11 depot scores. The scores are CO, FA, EL, OF, GM, MM, CL, ST, GT, SC, RC.* This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mner	monic		Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	DEPOT-C-CO ETC.	D-CO ETC.		3	AN	RAMS	1071-1100	

^{*} RC score has not been entered subsequent to November 1976.

DATA	ELEMENT	Depot	Form	Number
DATA	ELEMENT	SYNONYMS	5:	

Indicates the form number of the test taken at the depot. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

System		Mnemonic			Field Format		Source	Field Pos.	Note
	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	DEPOT-FORM-NUMBER	D-FORM-N		2	AN	RAMS	1141-1142	

DATA	ELEMENT	Depot	GT	GCT	
DATA	ELEMENT	SYNONY	4S:		

If the individual took the ACB-61 test, the field contains a computed GCT using the formula: (VE+AR+PA)/3 rounded. If the individual took the ASVAB 6/7, the field contains the GCT score computed using the WK, AR and SP raw scores. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mne	monic		Field	Format	Source		Note
System	File	Cobo1	Mark IV	APL	Size	туре	File		Ref
MMS	SRS	DEPOT-GT-GCT	GT-GCT-S		3	AN	RAMS	750-752	

DATA	ELEMENT	Depot Test Date
DATA	ELEMENT	SYNONYMS:

Date is of the form YYMMDD. Indicates the date the individual took the depot test. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field	Format	Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	DEPOT-TEST-DATE	D-TEST-D		6	AN	RAMS	1143-1148	

DATA	ELEMENT	Duty	Limitation	at Entry
DATA	ELEMENT	SYNONY	MS:	

This is a code representing any duty limitation at entry into service. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -

5. SPECIFICATIONS

System		Mnemonic			Field Format		Source	Field Pos.	Note
	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Duty-Limit-Entry	DUTY-LMT		1	AN	RAMS	485-487	

DATA	ELEMENT	EDPT	Score	
DATA	ELEMENT	SYNONY	MS:	

Electronic data processing test score. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mner	monic		Field	Format	Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	EDPT	EDPT		3	AN	RAMS	870-872	

DATA	ELEMENT	Enlistment	Cross	Reference
DATA	ELEMENT	Flag SYNONYMS:		

Part of extension area (#5). This is a cross reference code to tie a particular extension to the appropriate enlistment area. Area-count (4) is moved to this location. Area-count (4) points to the current (last) enlistment.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field	Format	Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	ENL-X-REF-FLAG	ENLXREF		2	AN	SRS	AREA-COUNT	

DATA	ELEMENT	Ethnic	Group	_
DATA	ELEMENT	SYNONYMS		

1. DESCRIPTION AND FORMAT A code representing ethnic group.

- 2. AUTHORITY/CODE REFERENCE Codesman
- 3. SOURCE STAT
- 4. MAINTENANCE Will be updated.

5. SPECIFICATIONS

		Mnemonic			Field	Format	Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Ethnic-Group	Ethnic		1	AN	STAT	194	

DATA	ELEMENT	Expiration	of	Active	Service	_
		Actual synonyms:				

This data element reflects the date on which active service terminates. For regular enlisted personnel, EAS is the date of expiration of current enlistment or voluntary extension of enlistment. Regular officers have no EAS. The EAS is automatically adjusted to reflect lost time. The date is in YYMMDD format.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Will be replaced in update process.

5. SPECIFICATIONS

		Mne	emonic		Field Format		Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Actual-EAS	EAS-ACTU		6	AN	STAT	66-71	1

6. NOTES

1. Replaced by Expiration of Current Contract on March 1978.

DATA	ELEMENT	Expiration	of	Current	Contract
DATA	ELEMENT	SYNONYMS:			

The data element reflects the date on which a legal contract executed by a Marine expires. An expired ECC will suspend computation of leave, pay, allowances, and terminate payment of allotments. ECC is automatically adjusted to reflect time lost. The date is in YYMMDD format.

For regular enlisted personnel ECC is the date of expiration of current contract excluding voluntary extensions thereof executed but not effected. Voluntary extensions of enlistment will adjust the ECC only after the extension is effected. The acceptance of a unit diary statement reporting the execution of an agreement to extend will flag the record to allow a 30-day grace period after expiration of ECC, prior to suspension of the record. Regular officers will not have an ECC until request for resignation or retirement is approved.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Will be replaced in update process.

5. SPECIFICATIONS

		Mne	monic		Field	Format	Source	Field Pos.	Not
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Actual-EAS	EAS-ACTU		6	AN	STAT	66-71	1

- 6. NOTES
 - 1. Replaces Expiration of Active Service Actual as of March 1978.

DATA	ELEMENT	Former	Monitored	Command
		Code		
DATA	ELEMENT	SYNONYM	5:	

Part of transfers area (#10). Upon receiving a JD STAT, the former MCC from the STAT file is placed in this field.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mne	monic		Field	Format	Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Type	File	in File	Ref
MMS	SRS	FMCC	FORM-MCC		3	AN	STAT	122-124	

DATA	ELEMENT	Grade	(Rank)	
DATA	ELEMENT	SYNONYMS	:	

Part of grades area (#6).

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mne	monic		Field	Format	Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	GRADE	PRES-GRD		3	AN	STAT	31-33	

TM-60423

DATA	ELEMENT	Graduation/Separation	Date
DATA	ELEMENT	SYNONYMS:	

1. DESCRIPTION AND FORMAT -

This is in character form: YYMMDD. This field will be either the date of graduation or the date of separation from the recruit depot. See GRAD-SEP-FLAG. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mne	monic		Field	Format	Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	GRAD-SEP-DATE	GRADTRAN		6	AN	RAMS	741-746 714-719	

DATA ELEMENT Graduation/Separation Flag
DATA ELEMENT SYNONYMS:_____

1. DESCRIPTION AND FORMAT -

This is a flag that indicates whether the ${\tt GRAD-SEP-DATE}$ is for graduation or separation from the recruit depot.

- 2. AUTHORITY/CODE REFERENCE 1 = Separated
 - 2 = Graduated/Transferred
- 3. SOURCE Constructed
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Type	File	in File	Ref
MMS	SRS	GRAD-SEP-FLAG	GRADSEPF		1	AN	NA	NA	

DATA ELEMENT Home of Record - County
DATA ELEMENT SYNONYMS:

1. DESCRIPTION AND FORMAT -

A code representing the home county or city at time of enlistment.

- 2. AUTHORITY/CODE REFERENCE Codesman
- 3. SOURCE STAT
- 4. MAINTENANCE Will not be changed in update.
- 5. SPECIFICATIONS

		Mnemor	nic		Field	Format	Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Home - County	HOR-C		4	AN	STAT	127-130	

DATA ELEMENT Home of Record - State
DATA ELEMENT SYNONYMS:

1. DESCRIPTION AND FORMAT -

A code representing home state at enlistment.

- 2. AUTHORITY/CODE REFERENCE Codesman
- 3. SOURCE STAT
- 4. MAINTENANCE Will not be updated.
- 5. SPECIFICATIONS

		Mnemo	nic		Field	Format	Source	Field Pos.	. Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Home - State	HOR-S		2	AN	STAT	131-132	

DATA	ELEMENT	Initials	_
DATA	ELEMENT	SYNONYMS:	

DESCRIPTION AND FORMAT Marine's initials. In the format of LFM (last initial, first, middle).

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT file.
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Initials	INITS		3	AN	STAT	21-23	

DATA	ELEMENT	Last Cha	nge Date
DATA	ELEMENT	SYNONYMS:	

Date is in form YYMMDD. The date of the last MCASC cycle taken from the KC cycle date which updated the Marine's SRS record.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Replaced during update.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	LAST-CHG-DATE	DO-ACT		4	PN	STAT	234-237	

DATA	ELEMENT	Last Name
DATA	ELEMENT	SYNONYMS:

 DESCRIPTION AND FORMAT -Marine's last name.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT record.
- 4. MAINTENANCE Updated from STAT records.

5. SPECIFICATIONS

		Mnem	onic		Field	Format	Source	Field Pos.	Pos. Note	
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref	
MMS	SRS	Name	Name/ L-Name		20	AN	STAT	150-169		
				3			•			

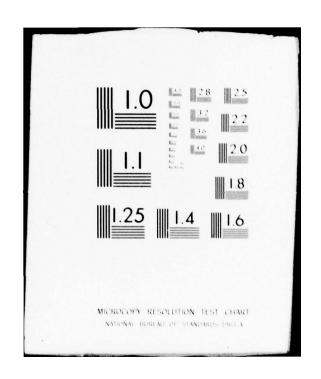
DATA	ELEMENT	Length	of	Enlistment
DATA	ELEMENT	SYNONYMS.		

Part of enlistment area (#4). This is the length of time, expressed in years, for which a Marine enlists, is inducted or reenlists.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemon	ic		Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	LNG-ENLISTMENT	LEN-ENL		1	AN	STAT	8	



DATA	ELEMENT	MCC	Enlisted At
DATA	ELEMENT	SYNON	YMS:

This is the code of the MCC where the Marine enlisted. This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	MCC-Enlisted	MCC-ENL		3	AN	RAMS	455-457	

DATA	ELEMENT	Marital	Status	_
DATA	ELEMENT	SYNONYMS:		

This identifies the legal status of the marriage of a Marine.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Replaced during update.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Marital-Status	MAR-STAT		1	AN	STAT	215	

DATA ELEMENT Military Identification Number
DATA ELEMENT SYNONYMS:_____

DESCRIPTION AND FORMAT Marine's Social Security Number.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE Originally copied from A-type STAT record.
- 4. MAINTENANCE Will not be changed except for AN/239 type STATS (SSN change).

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	MID	MID		10	AN	STAT	11-20	

DATA	ELEMENT Months of Latest Extension
DATA	ELEMENT SYNONYMS:

Part of extensions area (#5). The number of months of the latest extension of the enlistment reference by the Enlistment Cross Reference Flag.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	MON-LATEST-EXT	EXTL-MON		2	AN	STAT	216-217	

DATA	ELEMENT	MOS Date
DATA	ELEMENT	SYNONYMS:

Part of MOS area (#12). This is the date of change in the primary MOS.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	MOS-DATE	MOSDATE		4	PN	STAT	3-6	

DATA	ELEMENT	Number of Dependents -	Current
DATA	ELEMENT	SYNONYMS:	

Current number of dependents. If number of dependents is greater than 9, 9 is entered.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Replaced during update.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	NUM-DEP-CURR	NUM-DEP		1	AN	STAT	113-114	

DATA	ELEMENT	Number	of	Dependents -	Entry
DATA	ELEMENT	SYNONYMS	3:		

Number of dependents upon entry into service. If number is greater than 9, 9 is entered.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Will not be changed at update.

5. SPECIFICATIONS

		Mner	nonic		Field	Format	Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	NUM-DEP-ENTRY	NUMDEP-E		1	AN	STAT	113-114	
					*				

DATA	ELEMENT	Pay	Entry	Base	Date
DATA	ELEMENT	SYNON	YMS:		

This is in packed numeric form: YYMMDD.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE Will be replaced in the update process.

5. SPECIFICATIONS

1 L	Mnemonic			Field Format		Source	Field Pos.	Note
File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
SRS	PEBD	PEBD		4	PN	STAT	76-79	
	++-	File Cobol	File Cobol Mark IV	File Cobol Mark IV APL	File Cobol Mark IV APL Size	File Cobol Mark IV APL Size Type	File Cobol Mark IV APL Size Type File	File Cobol Mark IV APL Size Type File in File

DATA	ELEMENT	Present	Monitored	Command
		Code		
DATA	ELEMENT	SYNONYMS:		

Part of transfers area (#10). This represents the command level to which personnel are assigned by HQMC.

Upon receiving a JD STAT, the present MCC from the STAT record is placed in this field.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mne	monic		Field	Format	Source	Field Pos. in File	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File		Ref
MMS	SRS	PMCC	PRES-MCC		3	AN	STAT	98-100	

DATA ELEMENT Primary Military Occupational Specialty
DATA ELEMENT SYNONYMS:

1. DESCRIPTION AND FORMAT -

Part of MOS area (#12). This field is posted from any STAT that is used, if the MOS has changed.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

	File	Mner	Mnemonic		Field Format		Source	Field Pos.	Note
System		Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	PRIMARY-MOS	PMOS		4	AN	STAT	56-59	

DATA	ELEMENT	Program	Enlisted	For
DATA	ELEMENT	SYNONYMS:		

A code depicting the specific program, if applicable, under which a Marine contracted his original obligation.

- 2. AUTHORITY/CODE REFERENCE CODESMAN
- 3. SOURCE STAT
- 4. MAINTENANCE Will not be changed in update.

5. SPECIFICATIONS

	Mnemonic			Field Format		Source	Field Pos.	Note
File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
SRS	PROG-ENL-FOR	PGMENLFR		2	AN	STAT	192-193	
	1	File Cobol	File Cobol Mark IV	File Cobol Mark IV APL	File Cobol Mark IV APL Size	File Cobol Mark IV APL Size Type	File Cobol Mark IV APL Size Type File	File Cobol Mark IV APL Size Type File in File

DATA	ELEMENT	Race
DATA	ELEMENT	SYNONYMS:

2. AUTHORITY/CODE REFERENCE - Codesman

3. SOURCE - STAT

4. MAINTENANCE - Will not be updated.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	Race	Race		1	AN	STAT	9	

DATA	ELEMENT	RAMS	Need	Flag	
DATA	ELEMENT	SYNONY	MS:		

Flag indicating whether or not RAMS update is required. Flag will be set to 1 after RAMS data is entered into record, or after 18 months if no RAMS data is available.

- 2. AUTHORITY/CODE REFERENCE 1 = No RAMS update required.2 = Need RAMS update.
- 3. SOURCE Constructed
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnem	onic		Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	RAMS-NEED-FLAG	RMSNDFLG		1	AN	NA	NA	

DATA	ELEMENT Reenlistment Indicator	Code
DATA	ELEMENT SYNONYMS:	

Part of enlistment area (#4). This depicts the recommendation regarding future reenlistment made by a Marine's CO at the time of his/her separation.

- 2. AUTHORITY/CODE REFERENCE CODESMAN
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mne	monic		Field Format		Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	REENL-INDIC	RENL-IND		2	AN	STAT	229-230	

DATA	ELEMENT	Reporting	Unit	Code
DATA	ELEMENT	SYNONYMS:		

Part of transfers area (# 10). Represents the unit, activity or subunit to which the individual is assigned for reporting purposes. Upon transfer, the RUC is replaced by zeros.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

System		Mnemonic			Field Format		Source	Field Pos.	Note
	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	RUC	PRES-RUC		5	AN	STAT	93-97	

DATA	ELEMENT	Separation Code
DATA	ELEMENT	SYNONYMS:

Part of enlistment area (#4). This code reflects the reason for separation of the individual from the Marine Corps.

- 2. AUTHORITY/CODE REFERENCE CODESMAN
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

System	File	Mnemonic			Field Format		Source	Field Pos.	Note
		Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	SEPARATION-CD	SDN (4) TYPE-SEP (1)		5	AN	STAT	195-199	

DATA	ELEMENT	Separation	Date
DATA	ELEMENT	SYNONYMS:	

1. DESCRIPTION AND FORMAT Part of enlistment area (#4).

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	SEPARATION-DT	SEP-DATE		4	PN	STAT	3-6	
							×		

DATA	ELEMENT	Sex
DATA	ELEMENT	SYNONYMS:

- 2. AUTHORITY/CODE REFERENCE Codesman
- 3. SOURCE STAT
- 4. MAINTENANCE Will not be updated.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File		Ref
MMS	SRS	Sex	Sex		1	AN	STAT	10	

DATA	ELEMENT	Source of Entry
DATA	ELEMENT	SYNONYMS:

Part of enlistment area (#4). Reflects the source from which the current obligation was contracted.

- 2. AUTHORITY/CODE REFERENCE CODESMAN
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

	Mnemonic			Field Format		Source	Field Pos.	Note
File	Cobo l	Mark IV	APL	Size	Туре	File	in File	Ref
SRS	SOURCE-OF-ENTRY	SOR-ENT		4	AN	STAT	103-106	
	+	File Cobol	File Cobol Mark IV	File Cobol Mark IV APL	File Cobol Mark IV APL Size	File Cobol Mark IV APL Size Type	File Cobol Mark IV APL Size Type File	File Cobol Mark IV APL Size Type File in File

DATA	ELEME	Source Flag
DATA	ELEMENT	SYNONYMS:

This is a constructed field indicating the source of the record to SRS.

- 2. AUTHORITY/CODE REFERENCE 0 = Record created from A-type STAT.
 - 1 = Record created from HMF in initial file build.
 - 2 = Record created from HMF through procrustean process.
- 3. SOURCE Constructed
- 4. MAINTENANCE Will not be changed in update.

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobo1	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	HMF-SRC-FLAG	SCR-FLAG		1	AN	NA	NA	

DATA	ELEMENT	Strength	Category
DATA	ELEMENT	SYNONYMS:	

A code intended to describe the type or nature of the individual's service within a unit. Current coding practices provide that the individual will be assigned the strength category of his new assignment upon departure from his old duty station. Consequently, based on strength category code, an individual may be projected into his new unit even though he has not yet been joined by that unit. If an intermediate MCC is involved, the strength category is set on the initial transfer and not the final MCC. Certain categories do not become applicable until the states have lasted for some time, i.e., a patient only after 30 days hospitalization or IHCA over 30 days. As a result; duty status should be used to count the IHCA, hospitalized or prisoner population. Part of transfers area (#10).

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

le	Cobol					Source	Field Pos.	Note
		Mark IV	APL	Size	Туре	File	in File	Ref
S	STREN-CAT	STR-CAT		1	AN	STAT	133	
		STREN-CAT	S STREN-CAT STR-CAT	S STREN-CAT STR-CAT	S STREN-CAT STR-CAT 1	STREN-CAT STR-CAT 1 AN	STREN-CAT STR-CAT 1 AN STAT	STREN-CAT STR-CAT 1 AN STAT 133

DATA	ELEMENT	Total	Months	Extensions
DATA	ELEMENT	SYNONYM	S:	

Part of extensions area (#5). Total number of months of all contracted extensions on the enlistment referenced by the Enlistment Cross Reference Flag.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	TOT-MON-EXT	EXT-MON		2	AN	STAT	213-214	

DATA	ELEMENT	Total Nu	mber	Extensions
DATA	ELEMENT	SYNONYMS:		

Part of extensions area (#5). Total number of extensions on the enlistment referenced by the Enlistment Cross Reference Flag.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE Computed
- 4. MAINTENANCE -

5. SPECIFICATIONS

le in F	ile R
UTED NA	A

DATA	ELEMENT	Typing Score
DATA	ELEMENT	SYNONYMS:

This field is filled for enlisted only.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE RAMS
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

System F	IL	Mnemonic			Field Format		Source	Field Pos.	Note
	File	Cobo1	Mark IV	APL	Size	Туре	File		Ref
MMS	SRS	TYPING	TYPG-SCO		3	AN	RAMS	873-875	

DATA	ELEMENT	UA-Long	Flag	
DATA	ELEMENT	SYNONYMS:		

Part of UA-long area (#8). This flag indicates the status of past postings to this area. The flag refers to the TTC codes from the STAT file that were posted against a particular unauthorized &bsence. The codes are listed below.

2. AUTHORITY/CODE REFERENCE - 1 = Ul posting

2 = U1 - U5

3 = U1-U7

4 = U1-U5-U9

3. SOURCE - Constructed

5 = U1 - U6

4. MAINTENANCE -

5. SPECIFICATIONS

		Mnemonic			Field Format		Source	Field Pos.	Note
System	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	UA-FLAG	UAFLAG		1	AN	NA	NA	

DATA	ELEMENT	UA-Short	Flag
DATA	ELEMENT	SYNONYMS:	

Part of UA-short area (#7) constructed field. The flag indicates the status of past postings to this area. It refers to the TTC codes from the STAT file that were posted against a particular unauthorized absence-short. The codes are listed below.

- 2. AUTHORITY/CODE REFERENCE 1 = Normal UA entry. 2 = UA-U9 entry.
- 3. SOURCE -
- 4. MAINTENANCE -

5. SPECIFICATIONS

in File	Ref
	+
NA	

DATA	ELEMENT	Zone
DATA	ELEMENT	SYNONYMS:

Part of bonus area (#13). This indicates the number of installments in which the VRB was paid to a Marine who had reenlisted.

- 2. AUTHORITY/CODE REFERENCE -
- 3. SOURCE STAT
- 4. MAINTENANCE -
- 5. SPECIFICATIONS

System		Mnemonic		Field Format		Source	Field Pos.	Note	
	File	Cobol	Mark IV	APL	Size	Туре	File	in File	Ref
MMS	SRS	ZONE	ZONE		1	AN	STAT	140	
				1		-			



BENEATH THIS PLAQUE
IS BURIED
A VAULT FOR THE FUTURE
IN THE YEAR 2056

THE STORY OF ENGINEERING IN THIS YEAR OF THE PLACING OF THE VAULT AND ENGINEERING HOPES FOR THE TOMORROWS AS WRITTEN IN THE RECORDS OF THE FOLLOWING GOVERNMENTAL AND PROFESSIONAL ENGINEERING ORGANIZATIONS AND THOSE OF THIS GEORGE WASHINGTON UNIVERSITY.

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THE PURPOSE OF THIS VAULT IS INSPIRED BY AND IS DEDICATED TO

CHARLES HOOK TOMPKINS, DOCTOR OF ENGINEERING BECAUSE OF HIS ENGINEERING CONTRIBUTIONS TO THIS UNIVERSITY TO HIS COMMUNITY TO HIS NATION AND TO OTHER NATIONS

BY THE GEORGE WASHINGTON UNIVERSITY.

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DUNE THE TWENDERS

To cope with the expanding technology, our society must be assured of a continuing supply of rigorously trained and educated engineers. The School of Engineering and Applied Science is completely committed to this objective.